



FIG. 2

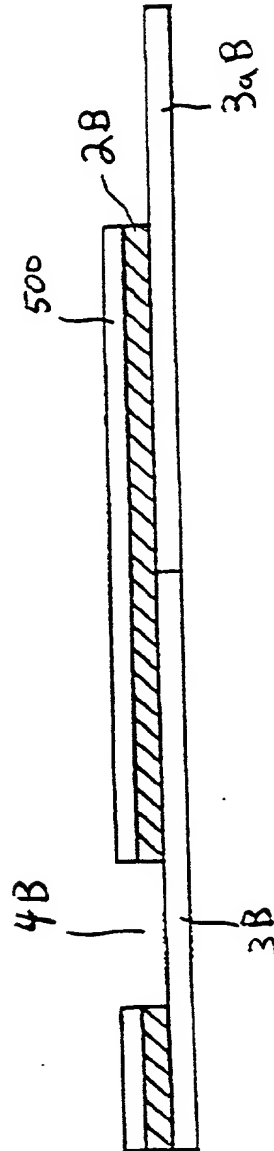


FIG. 3

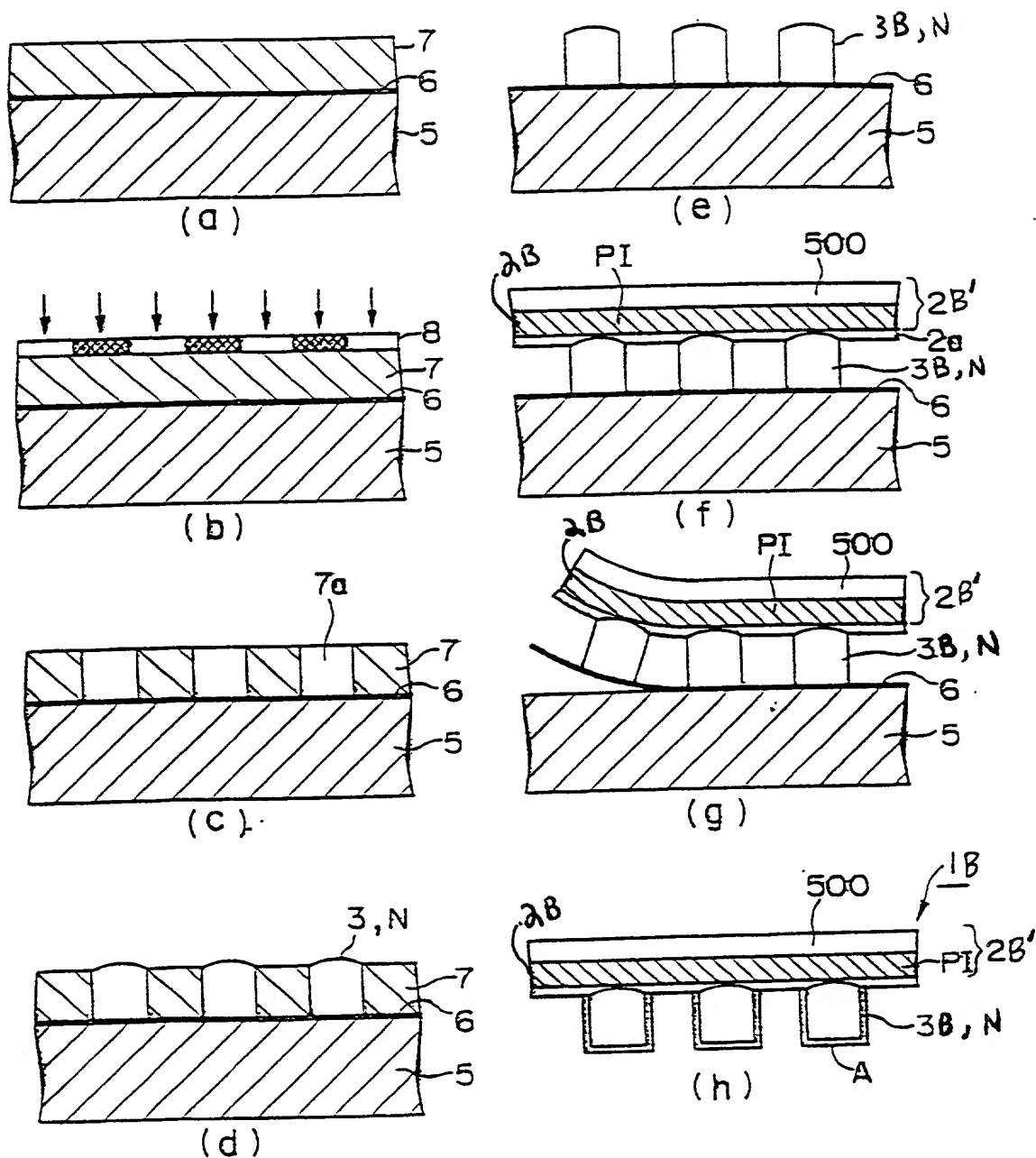




FIG. 5

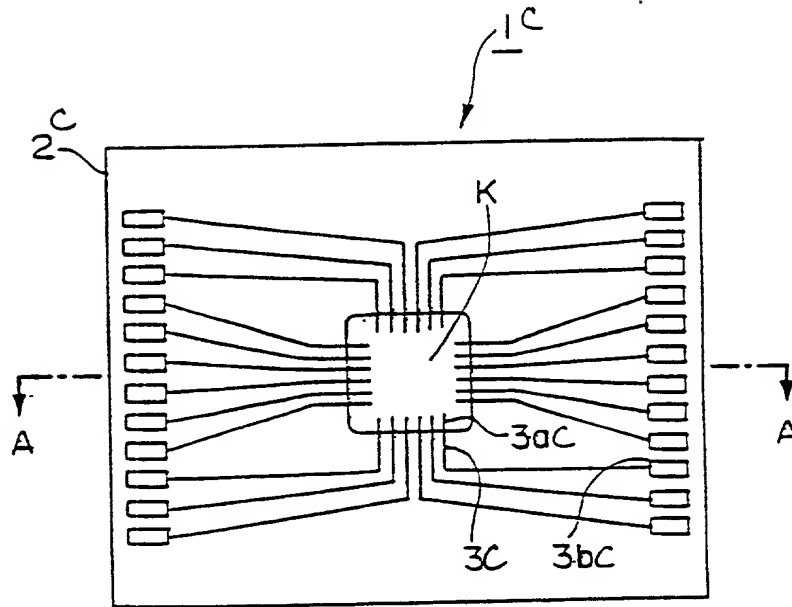


FIG. 6

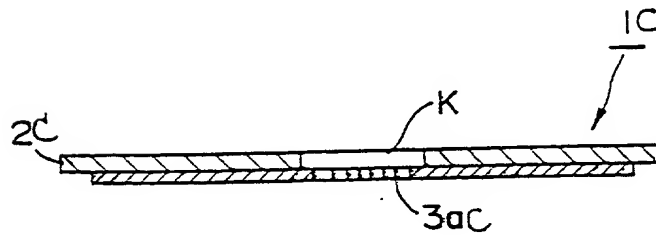
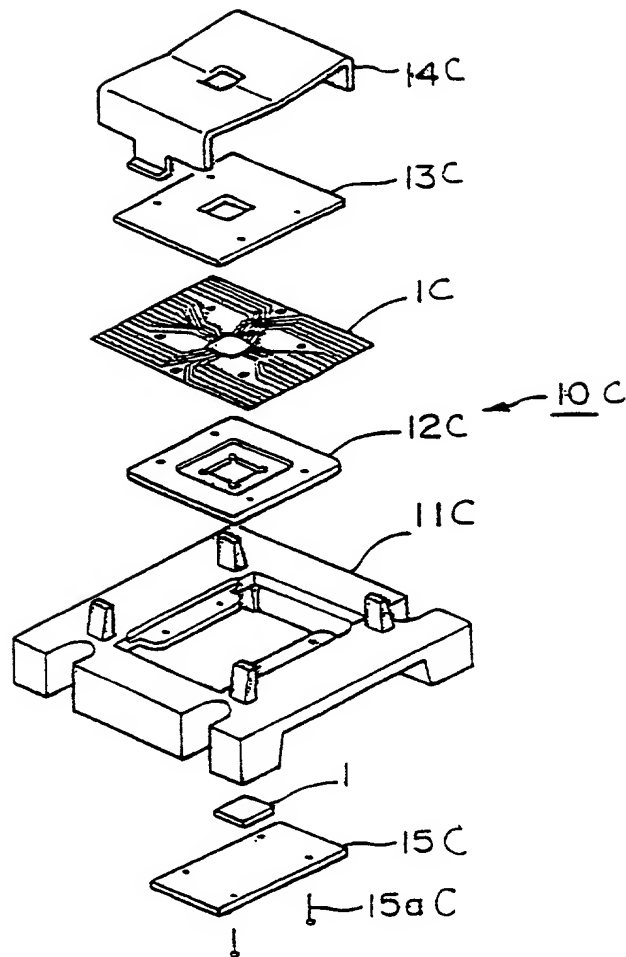


FIG. 7



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FIG. 8

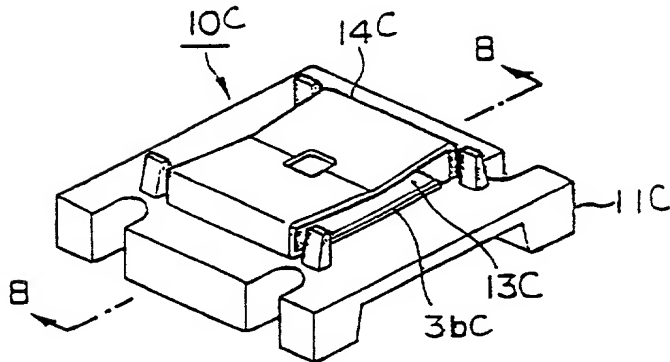
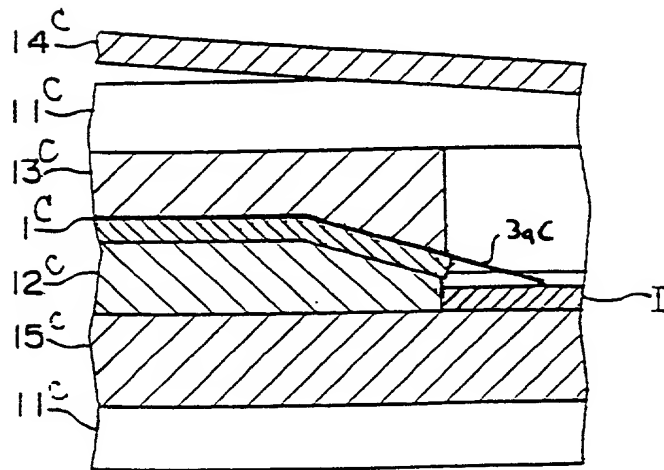


FIG. 9



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FIG. 10

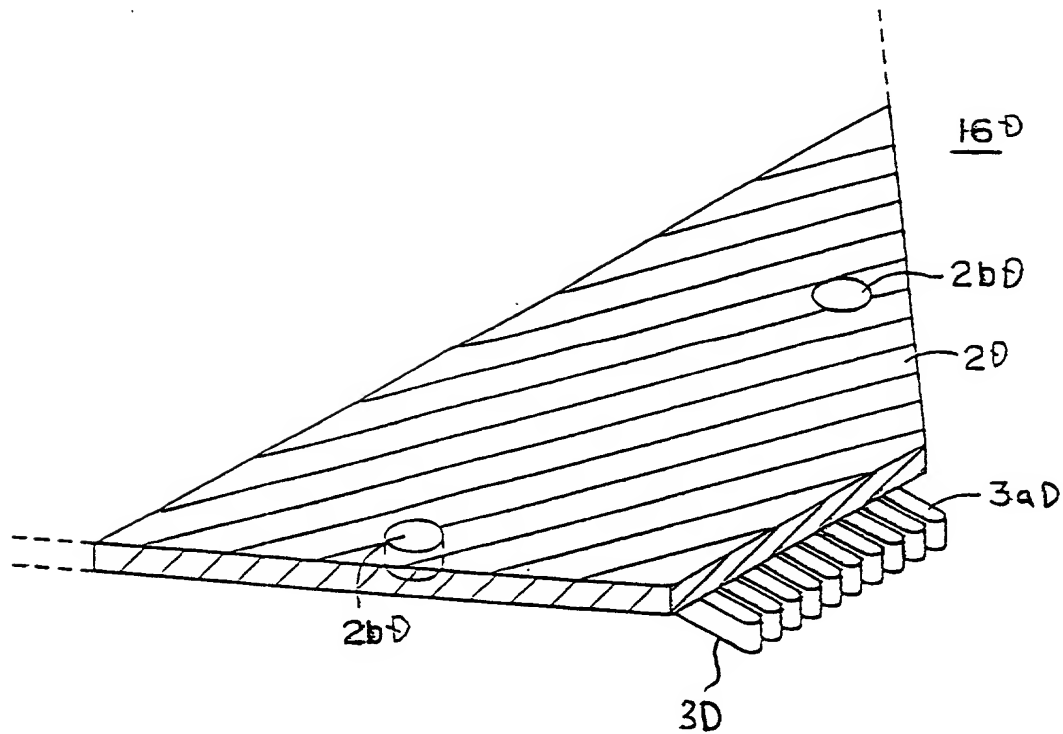




FIG. 11

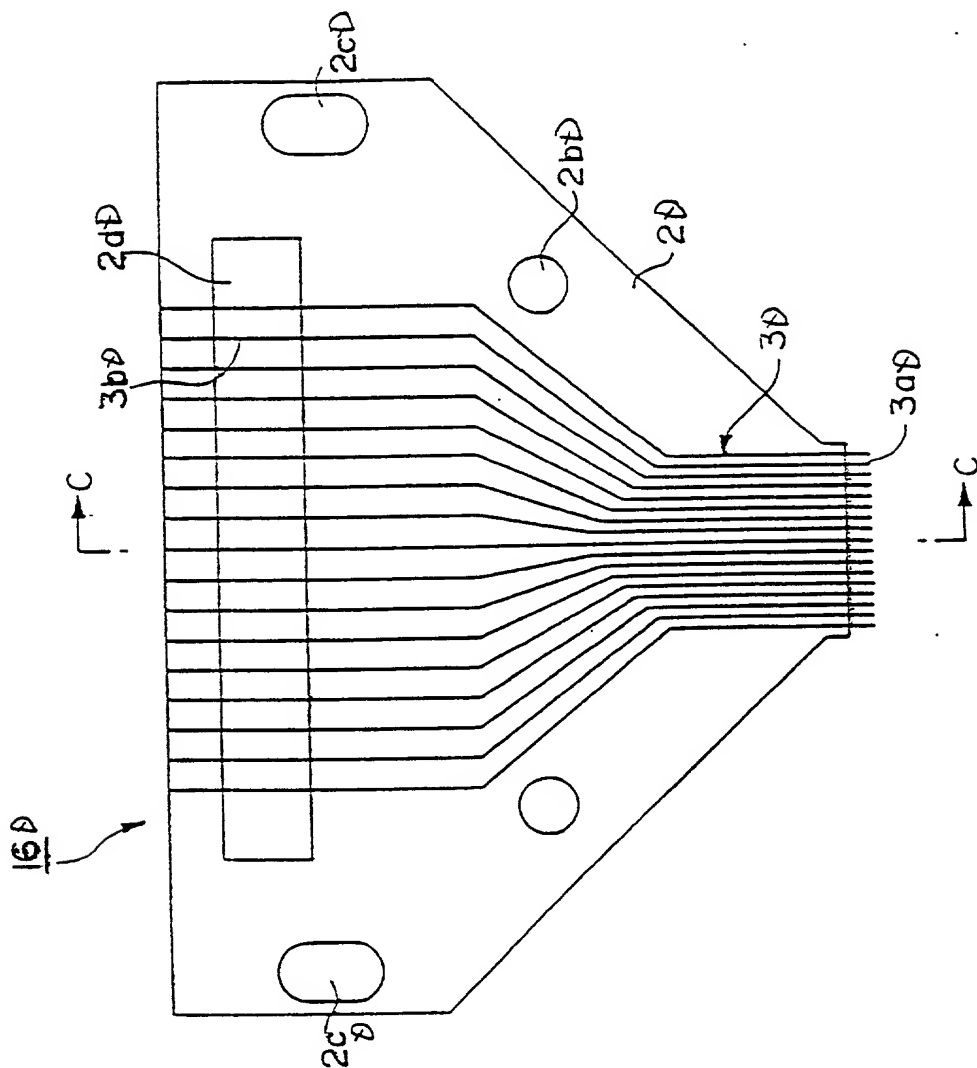


FIG. 12

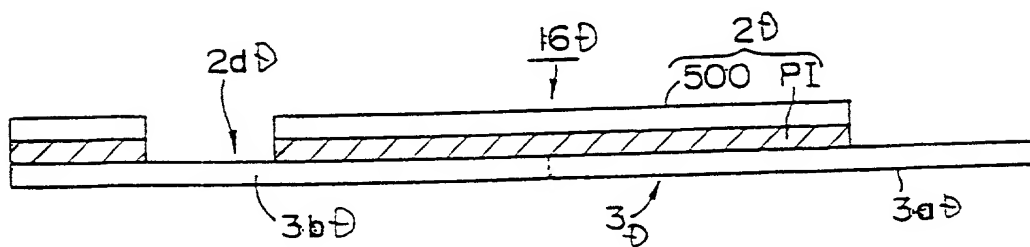
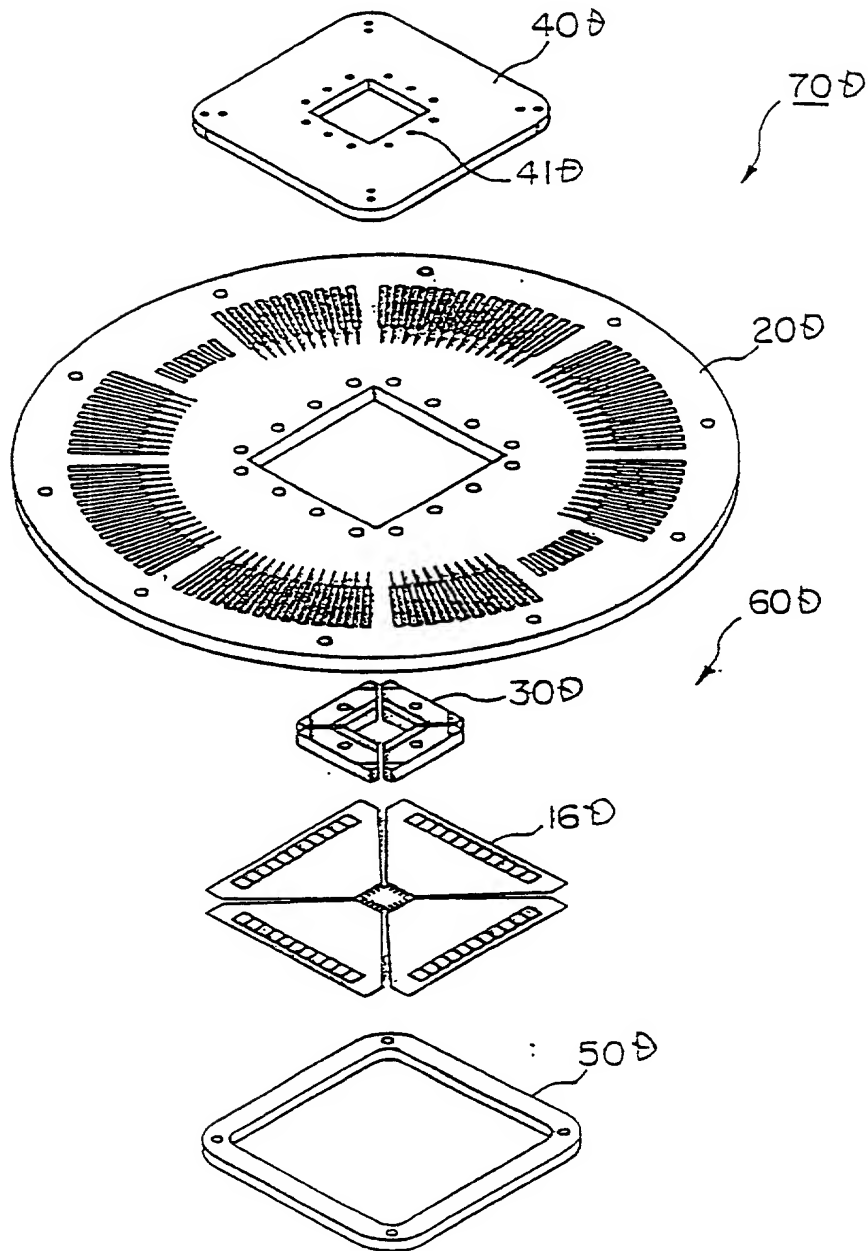


FIG. 13



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170D

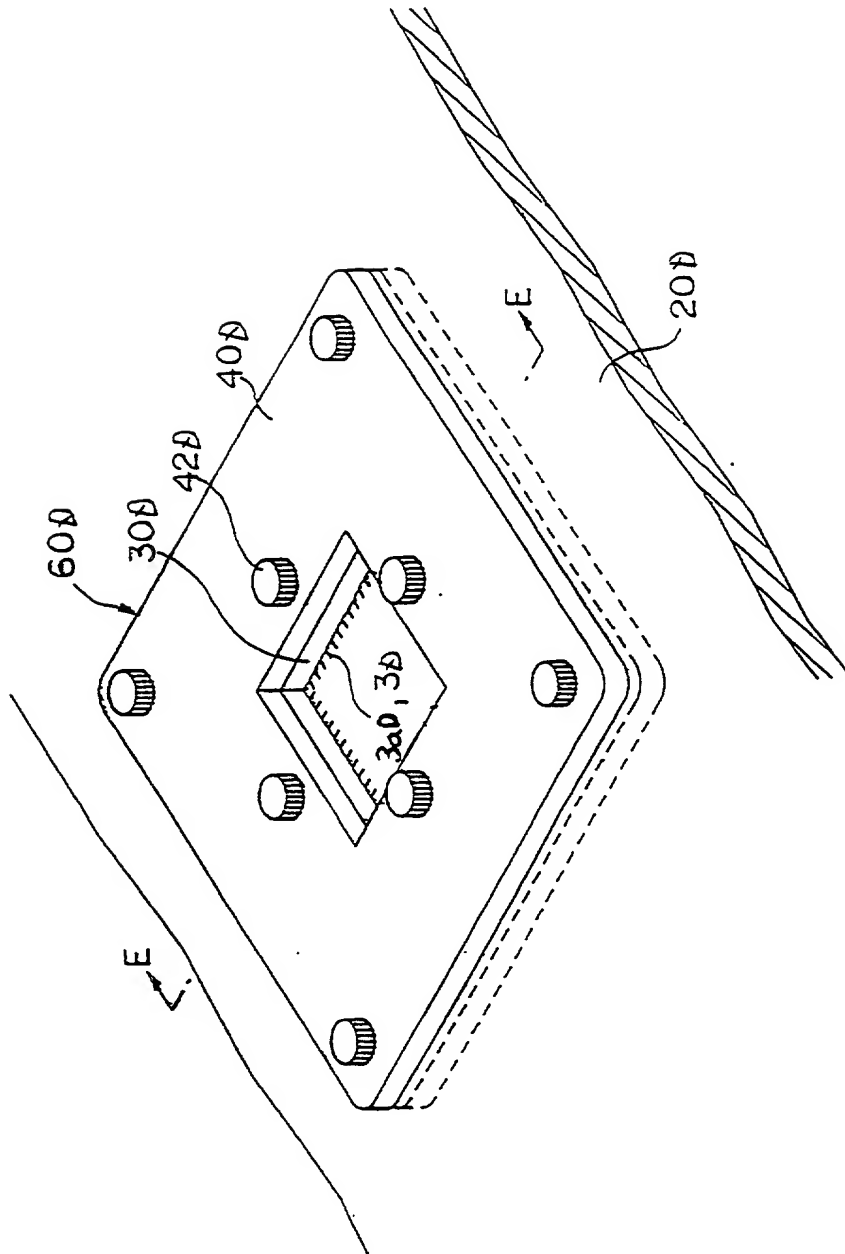


FIG. 15

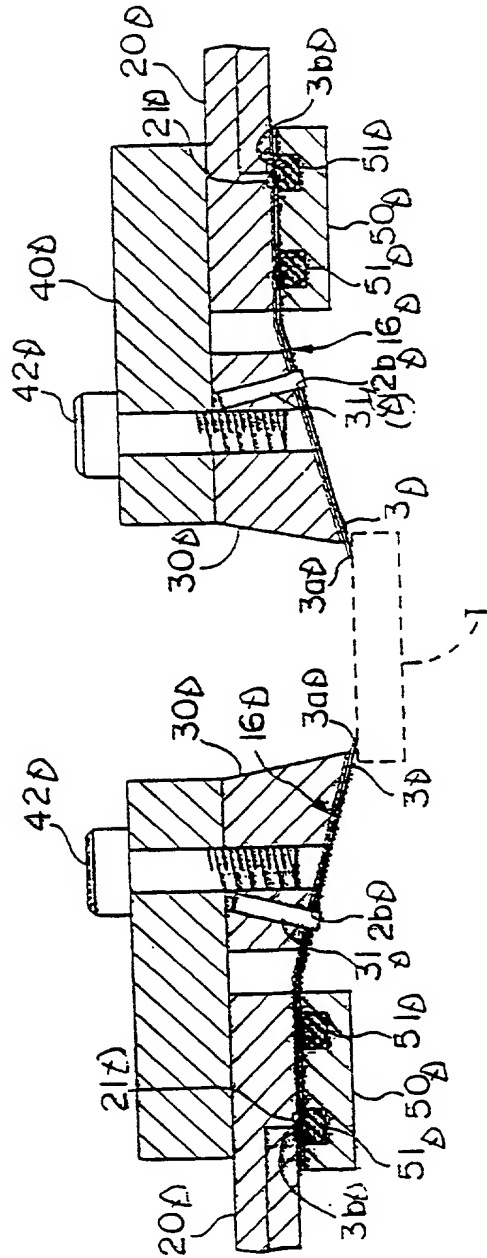




FIG. 17

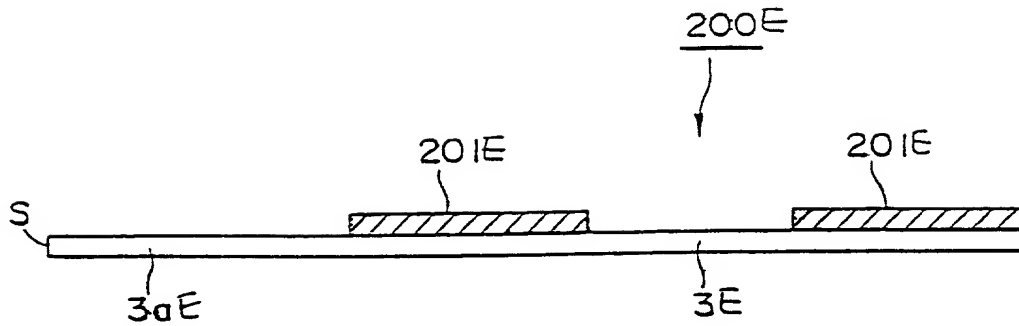
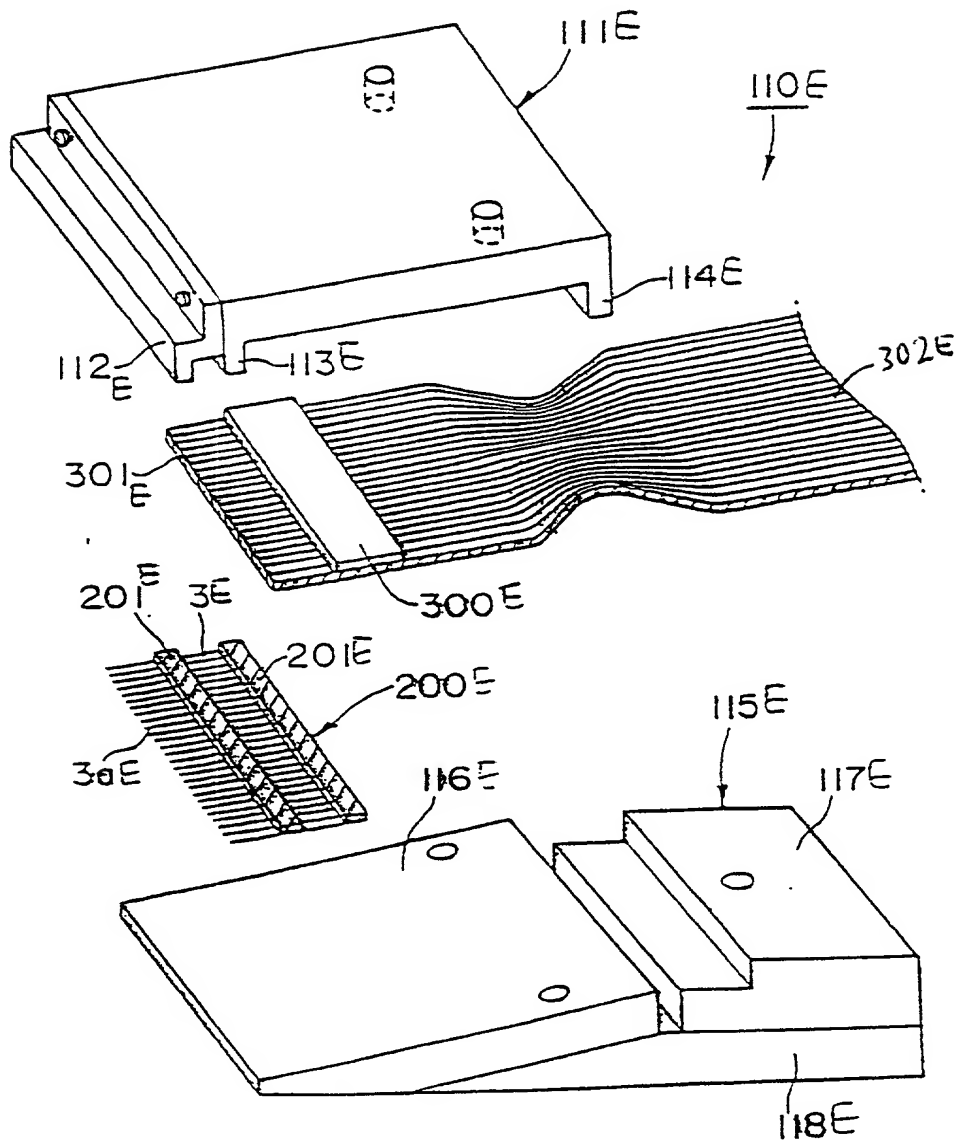
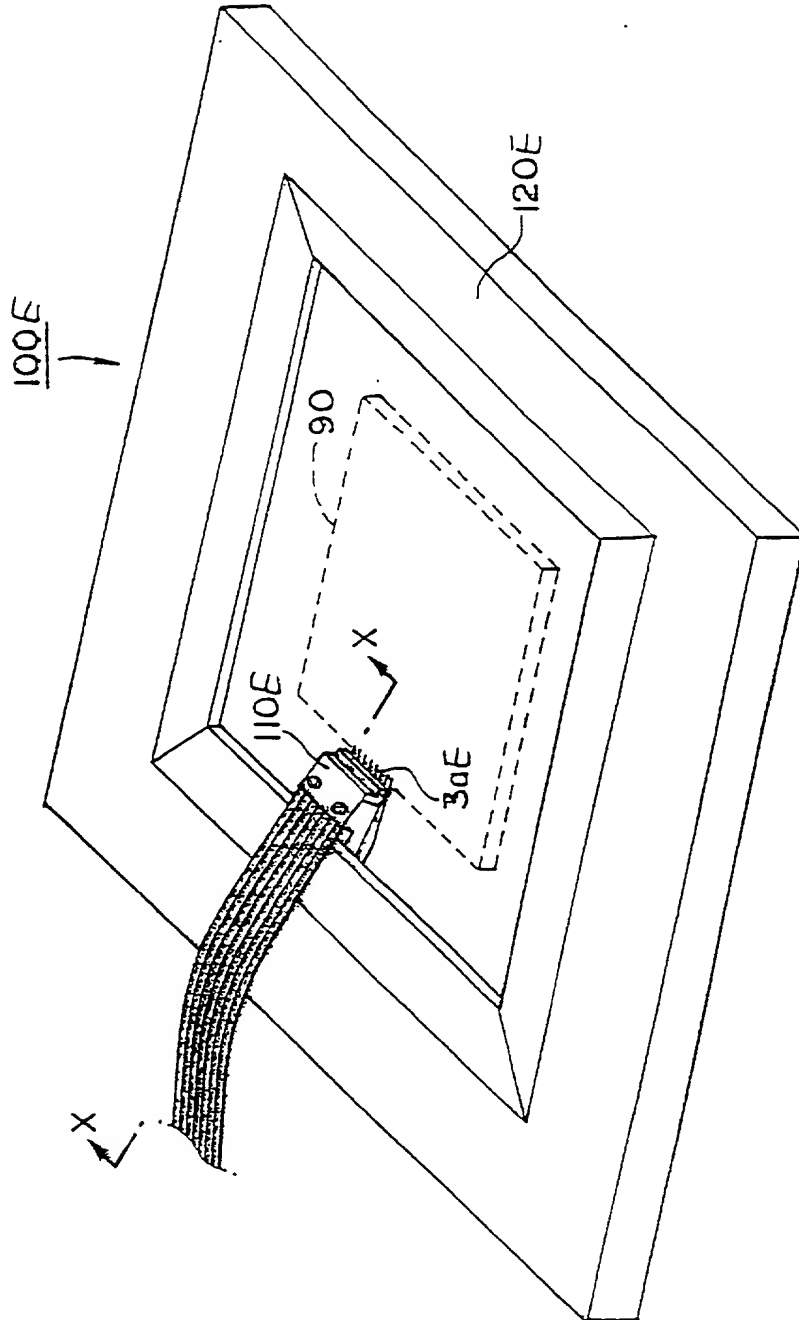


FIG. 18



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FIG. 19







100E

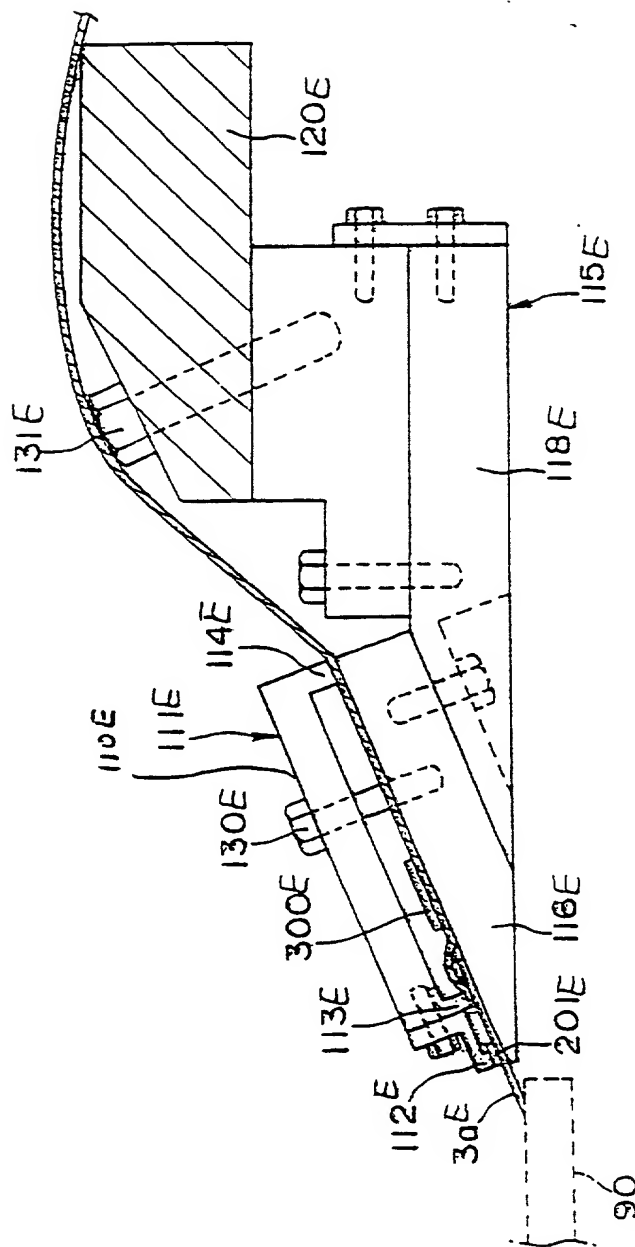


FIG. 22

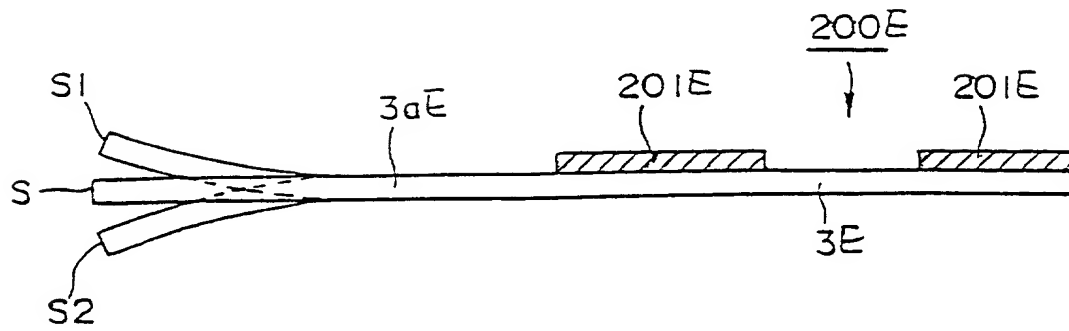


FIG. 23

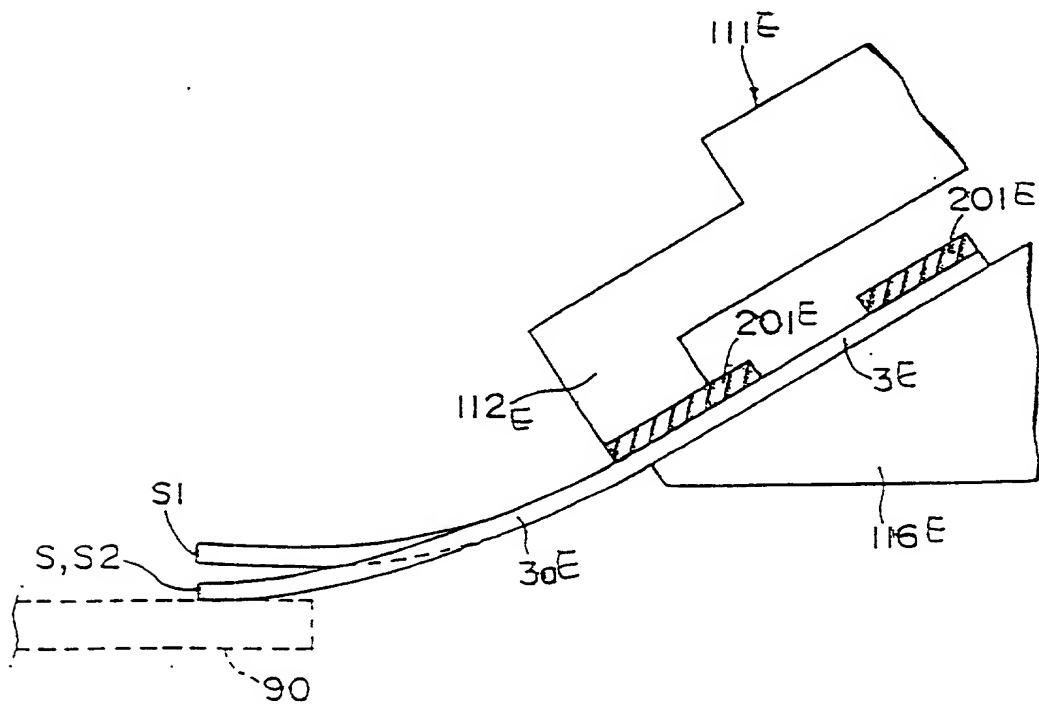


Fig. 10 is a cross-sectional view of a semiconductor device. It shows a substrate 110E with a layer 112E on its top surface. A layer 116E is formed on the top surface of layer 112E. A layer 111E is formed on the top surface of layer 116E. A layer 201E is formed on the top surface of layer 111E. A layer 3E is formed on the top surface of layer 201E. A layer 3aE is formed on the top surface of layer 3E. A layer 400E is formed on the top surface of layer 3aE. A layer 90 is formed on the top surface of layer 400E.

Diagram of a beam with two rectangular loads. The beam has a total length of  $3aE$ . The first load is  $200E$  wide and  $201E$  high, located at a distance of  $3E$  from the left end. The second load is  $500E$  wide and  $201E$  high, located at a distance of  $3E$  from the right end. The beam is supported by a central point.

FIG. 27

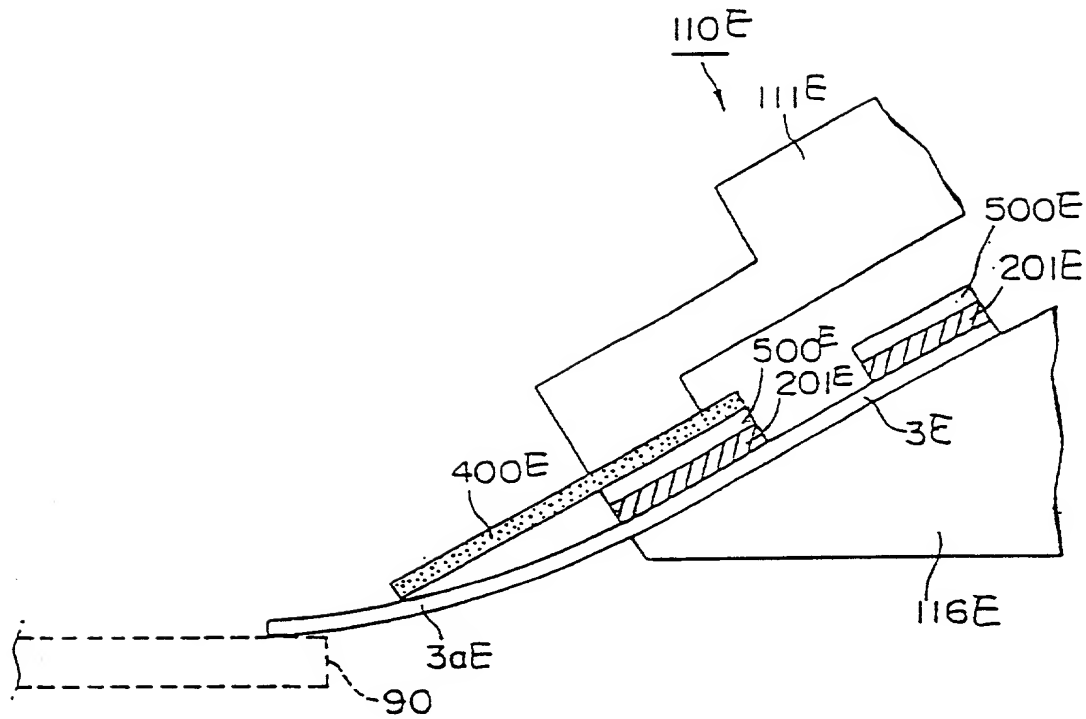


FIG. 28

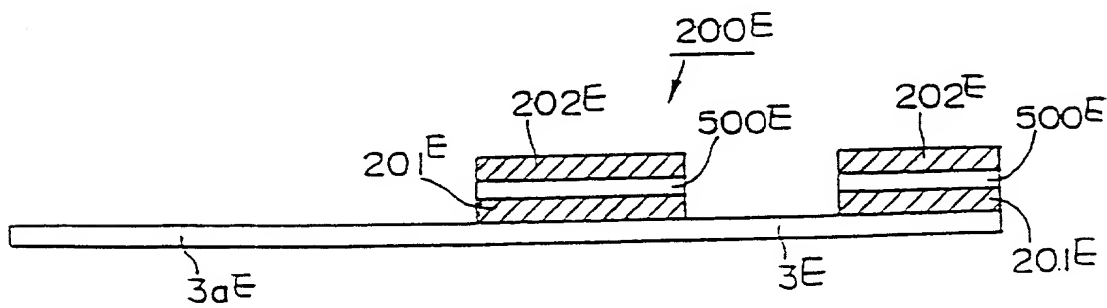


FIG. 29

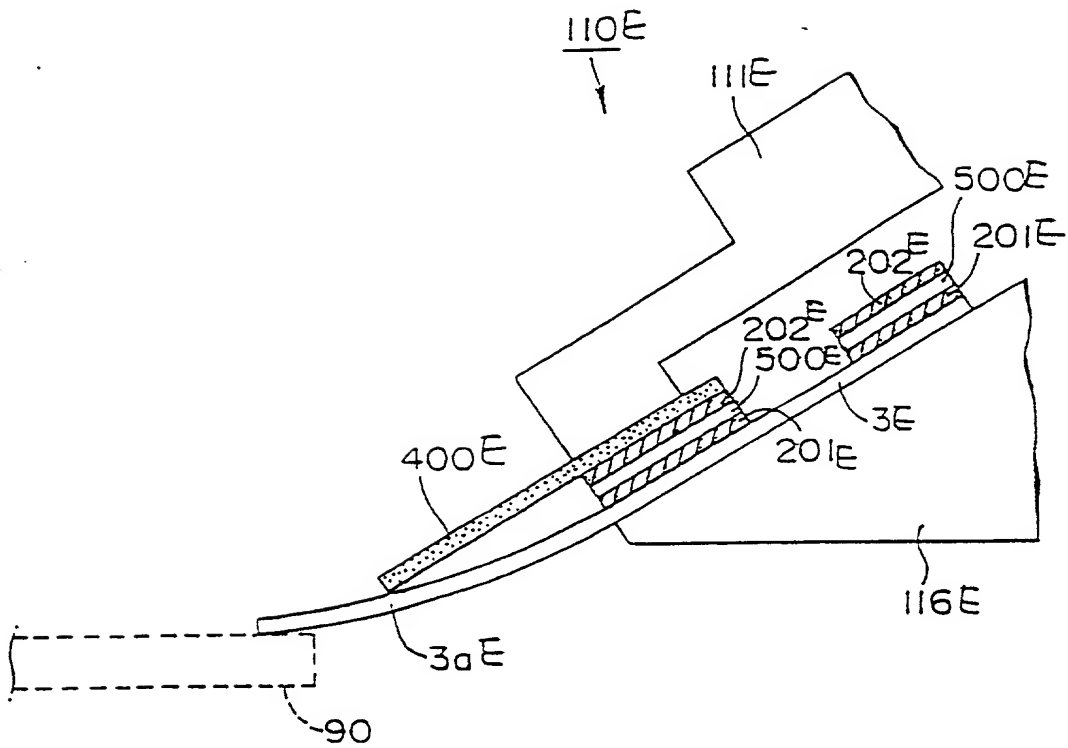


FIG. 30

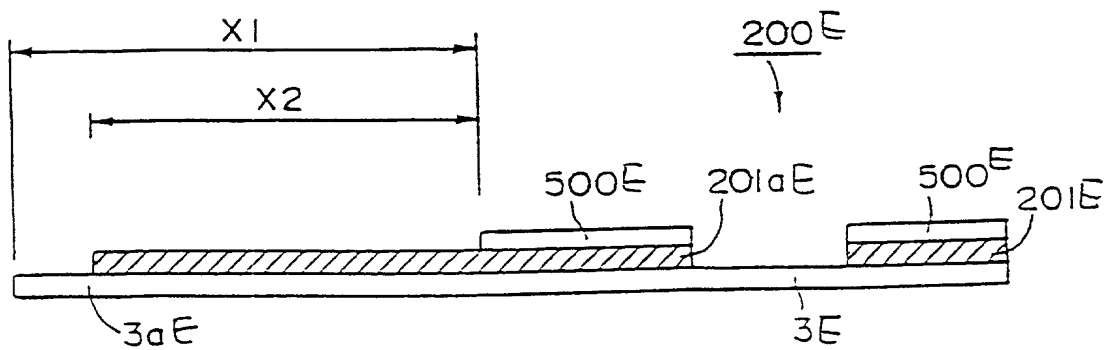


FIG. 31

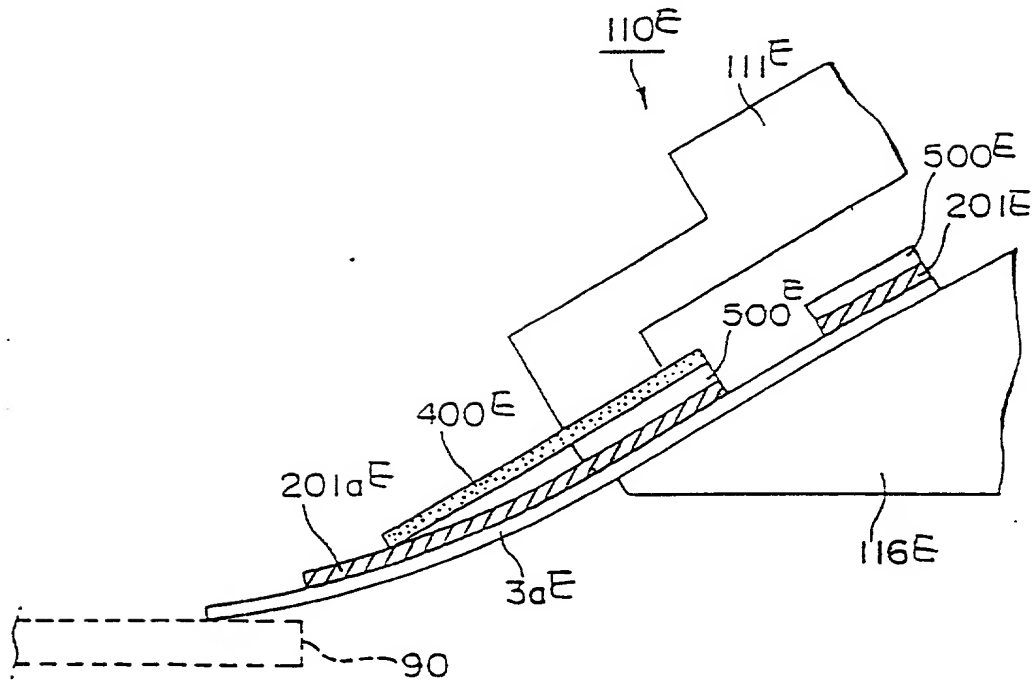


FIG. 32

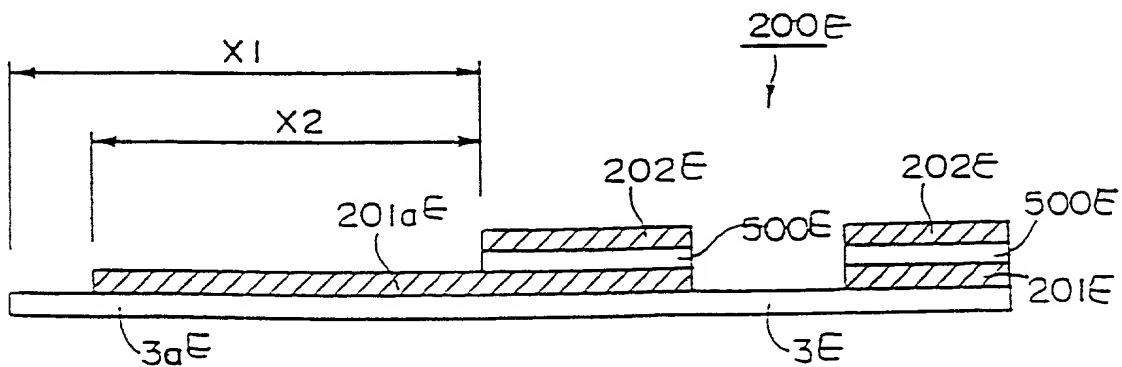


FIG. 33

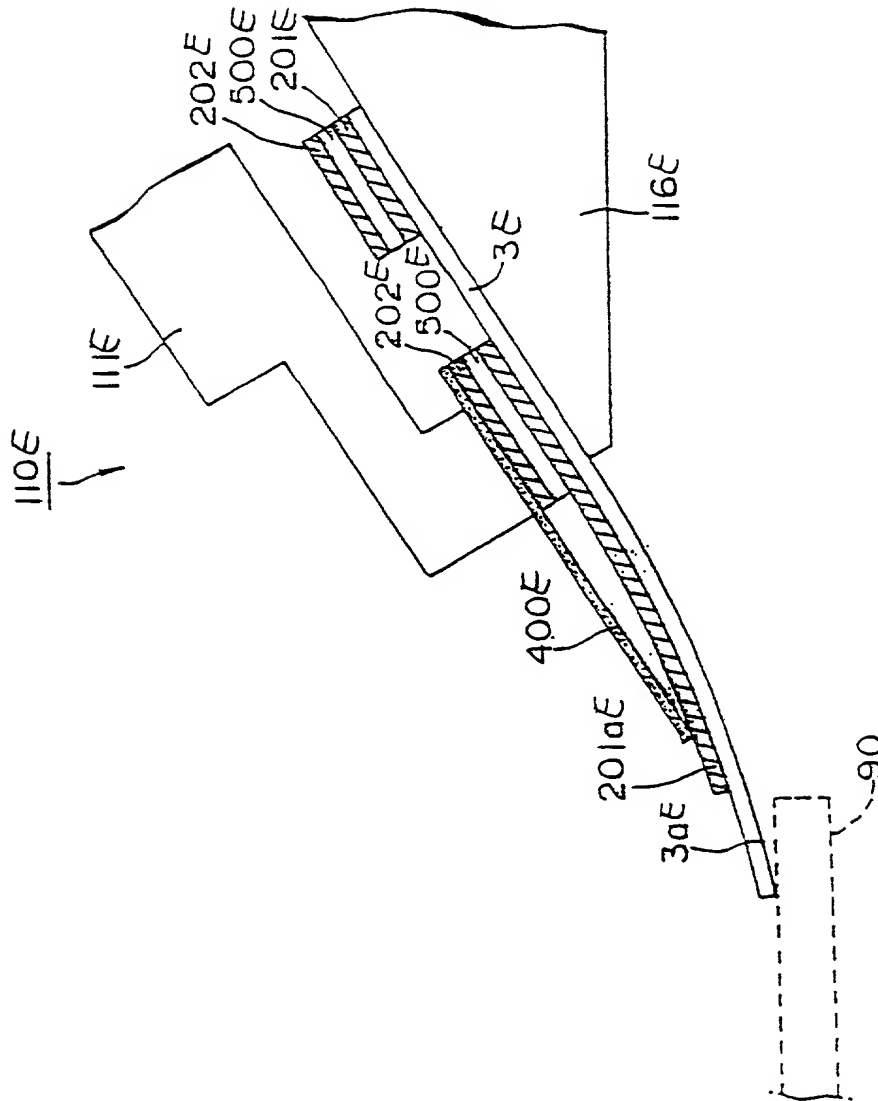




Fig. 34

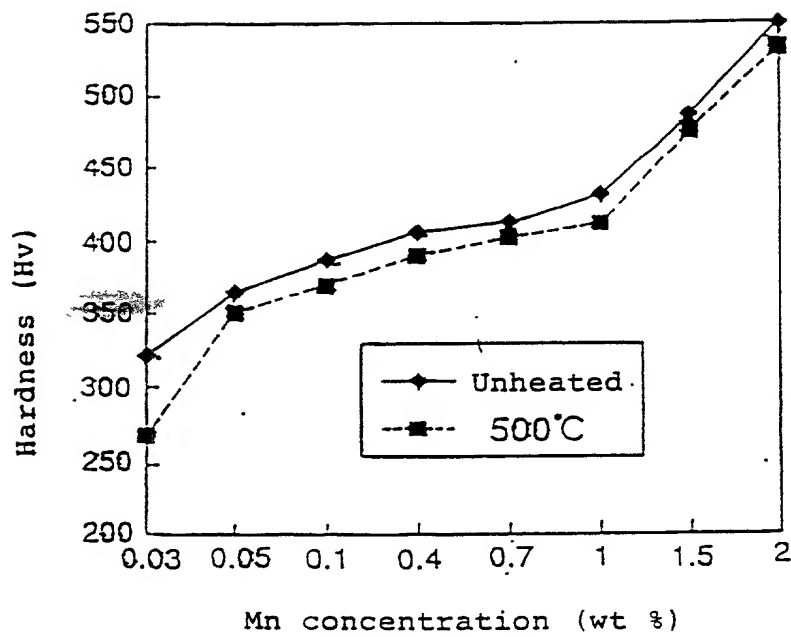
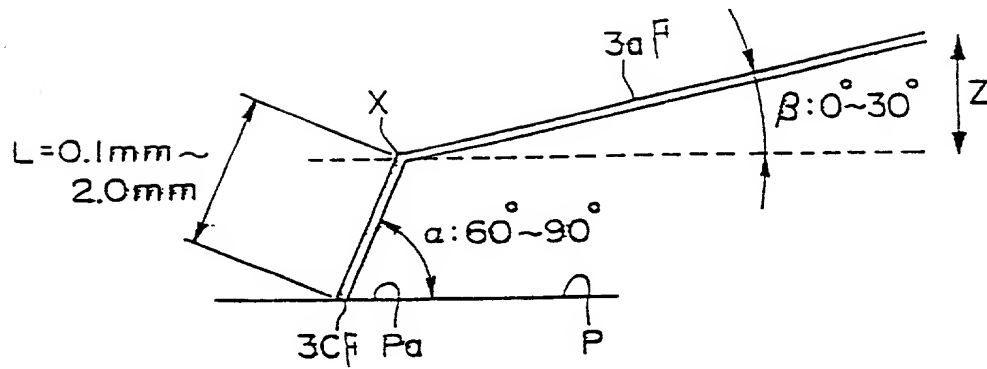


FIG. 35



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FIG. 36

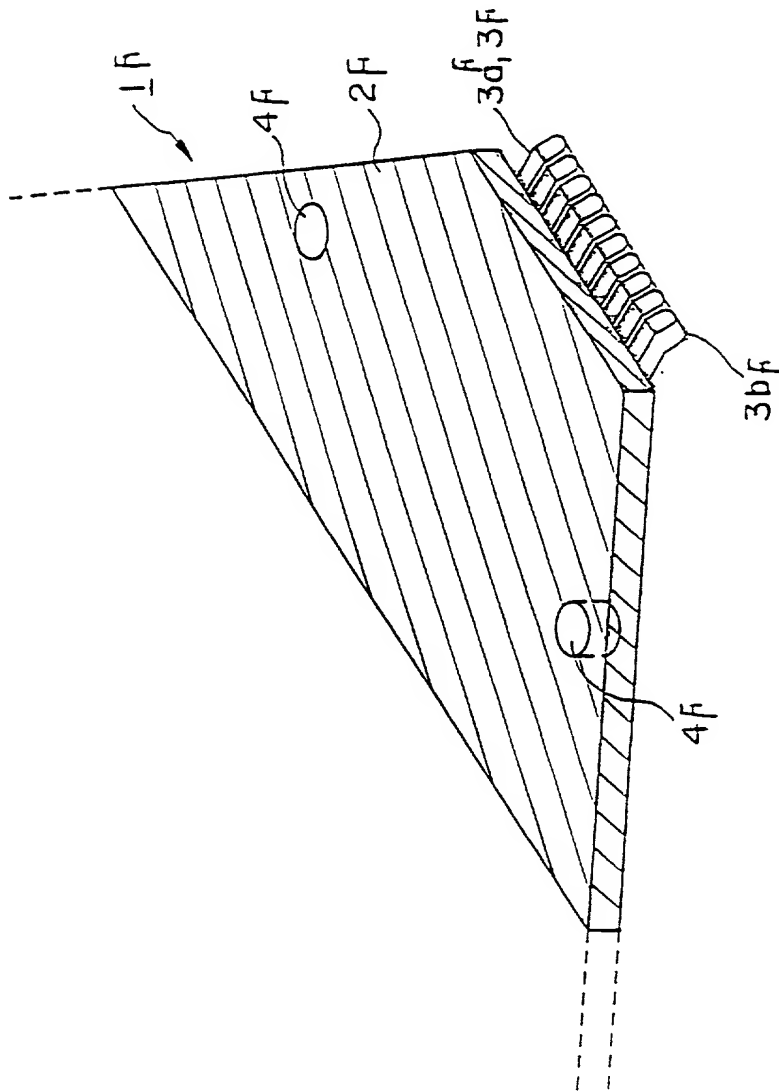


FIG. 37

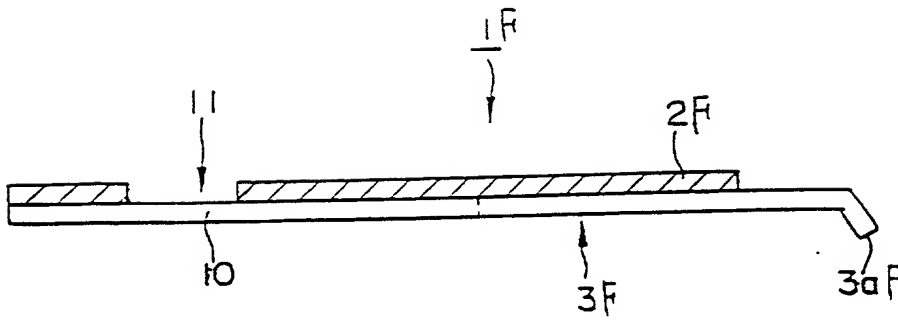


FIG. 38

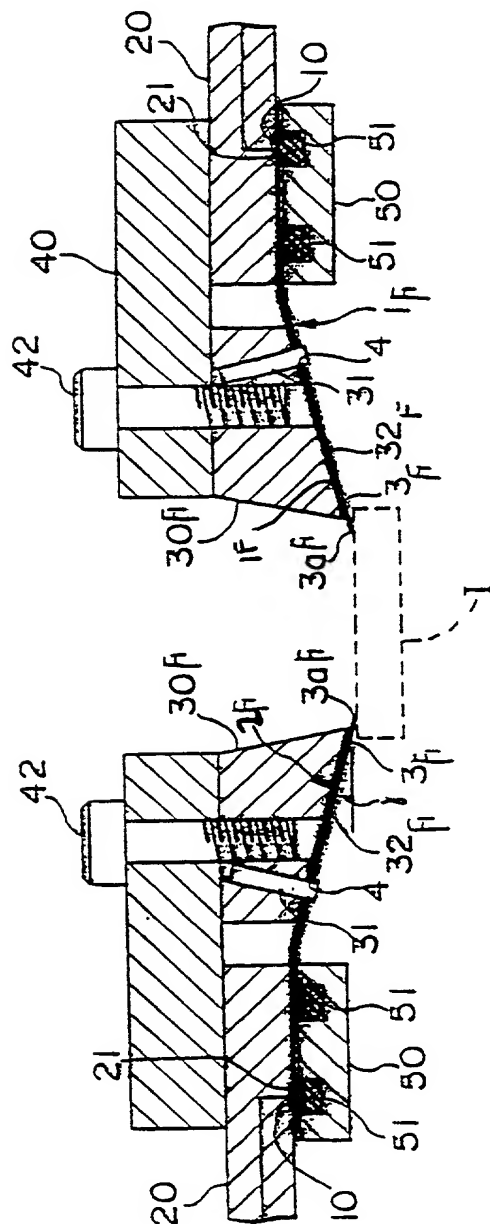


FIG. 39

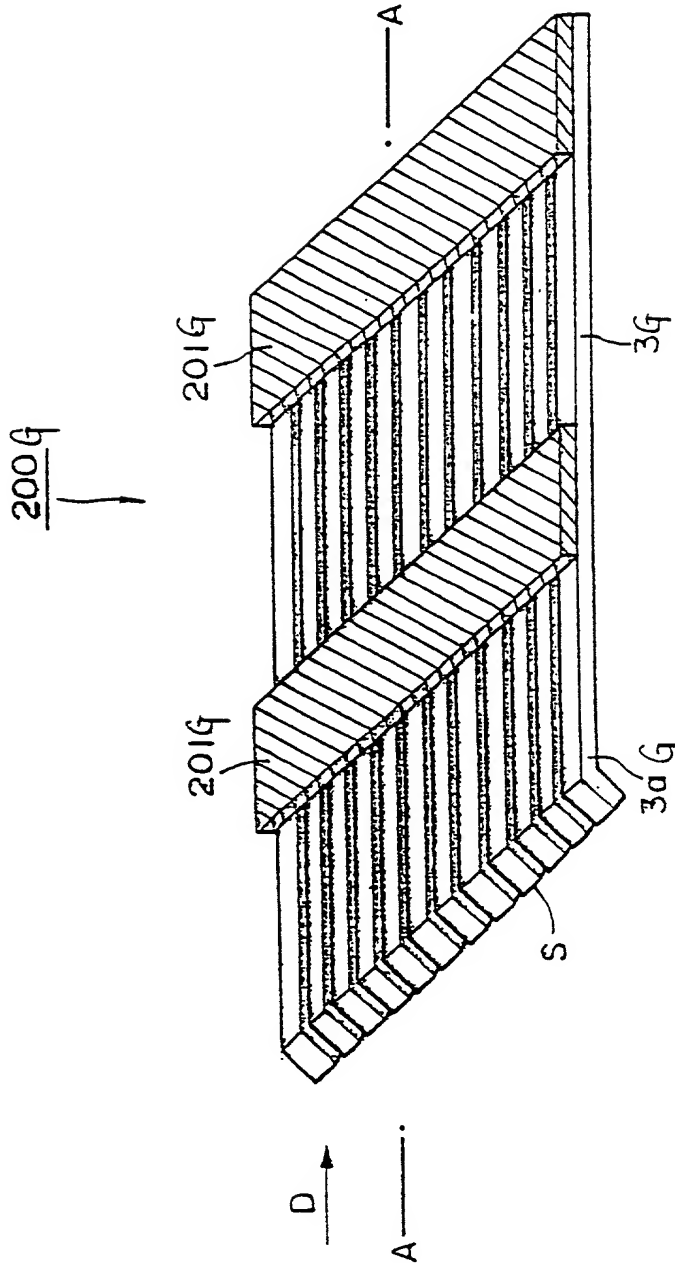


FIG. 40

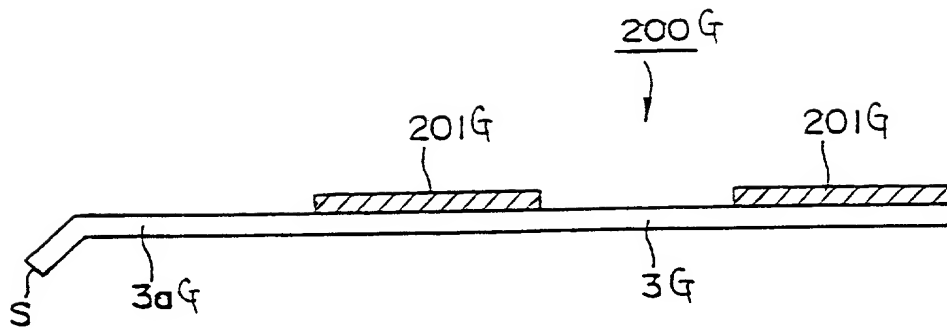


FIG. 41

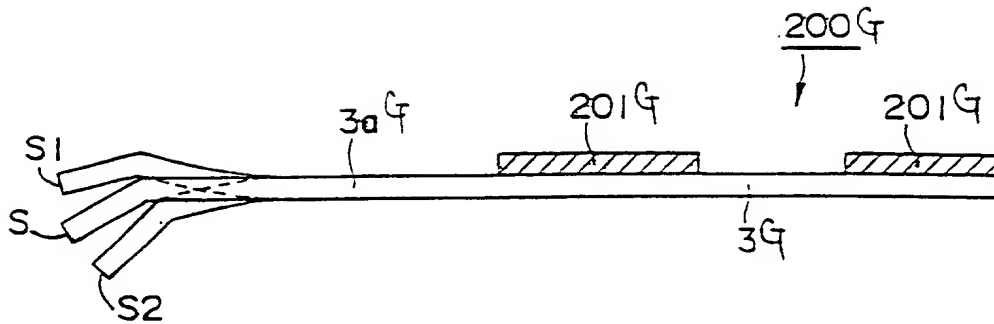
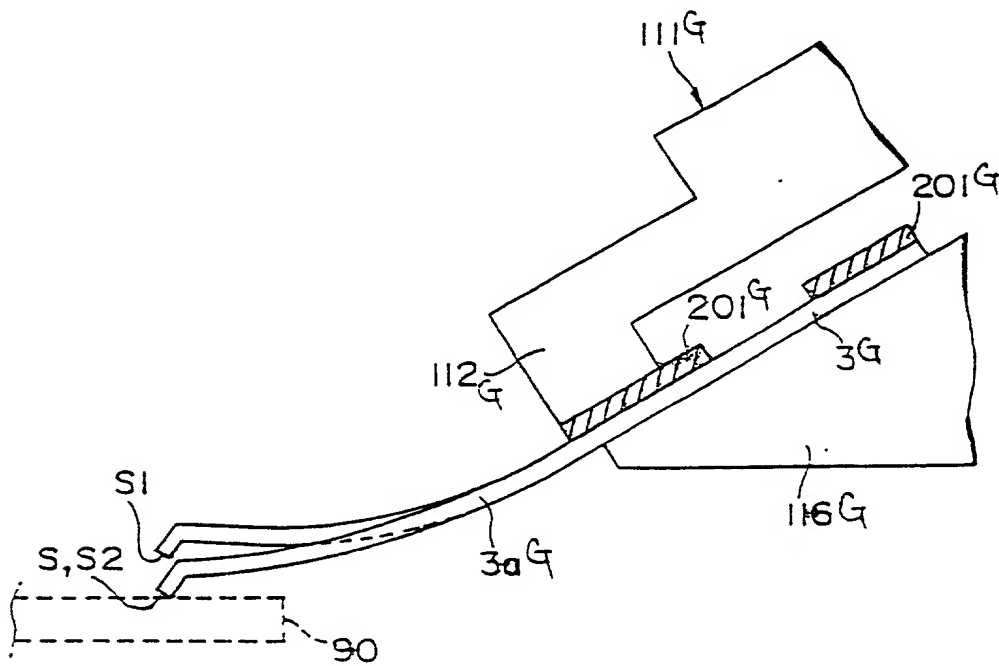


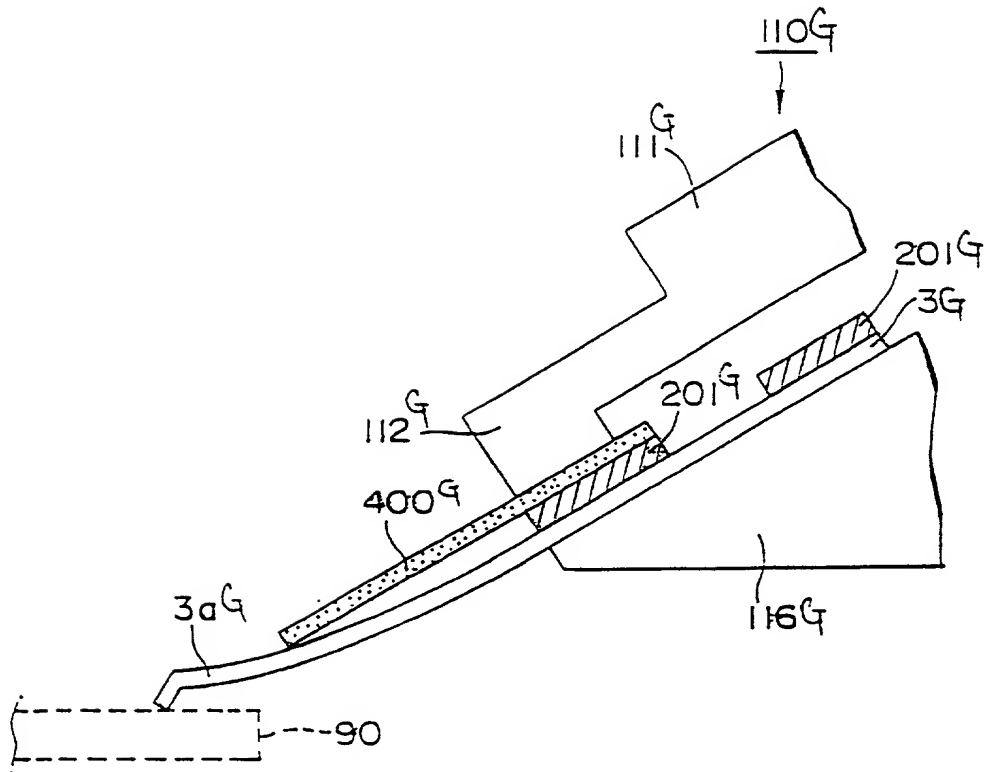
FIG. 42



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FIG. 43



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FIG. 44

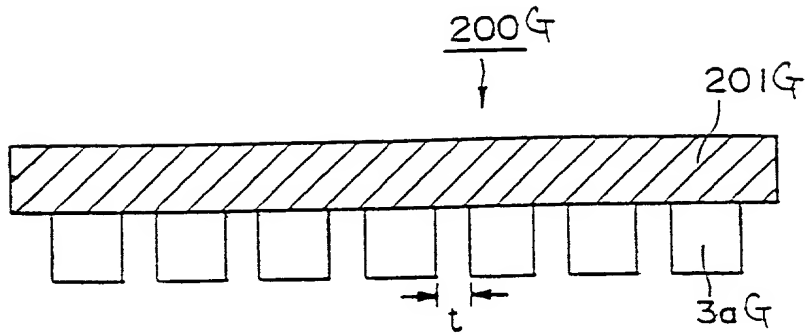


FIG. 45

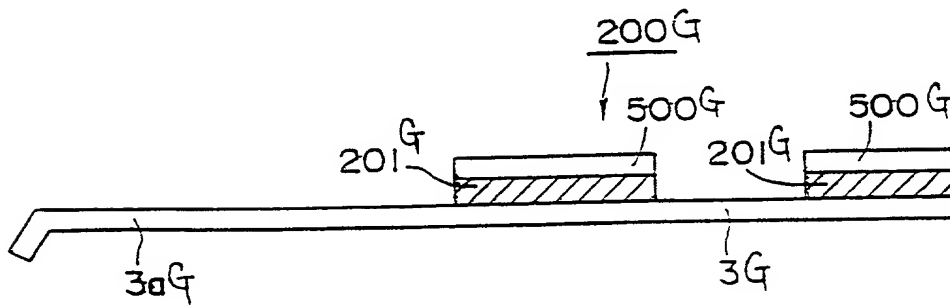


FIG. 46

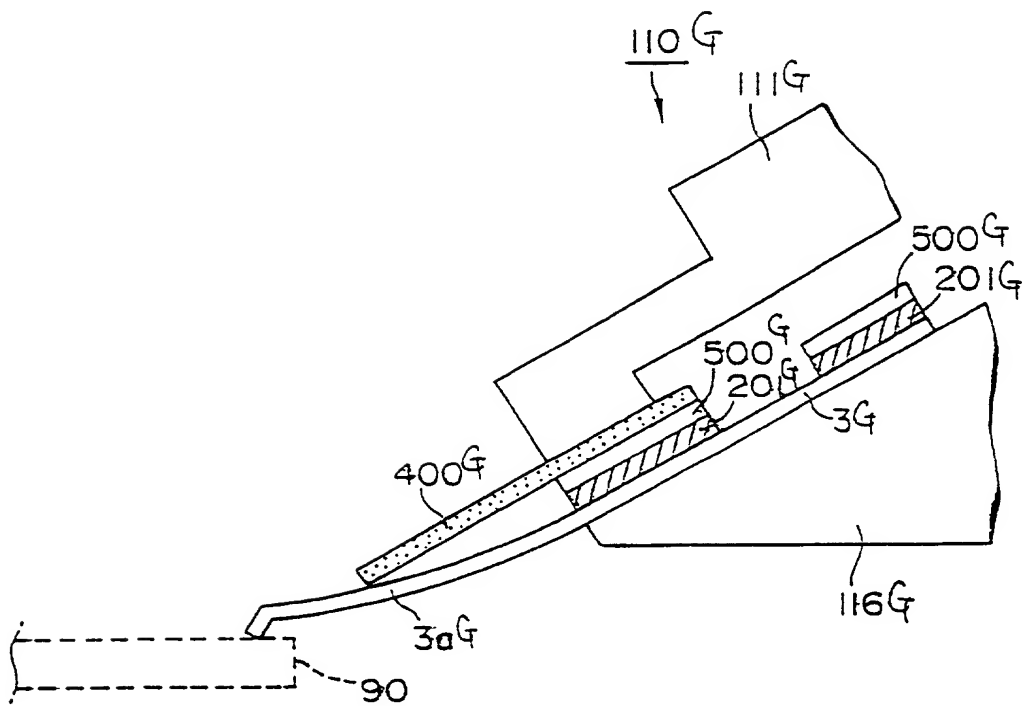


FIG. 47

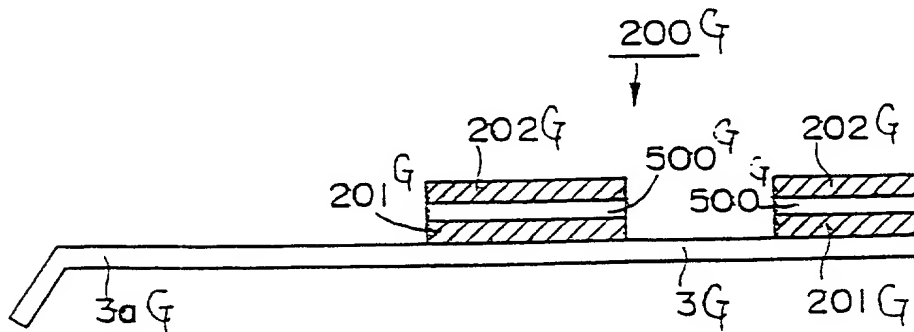


FIG. 48

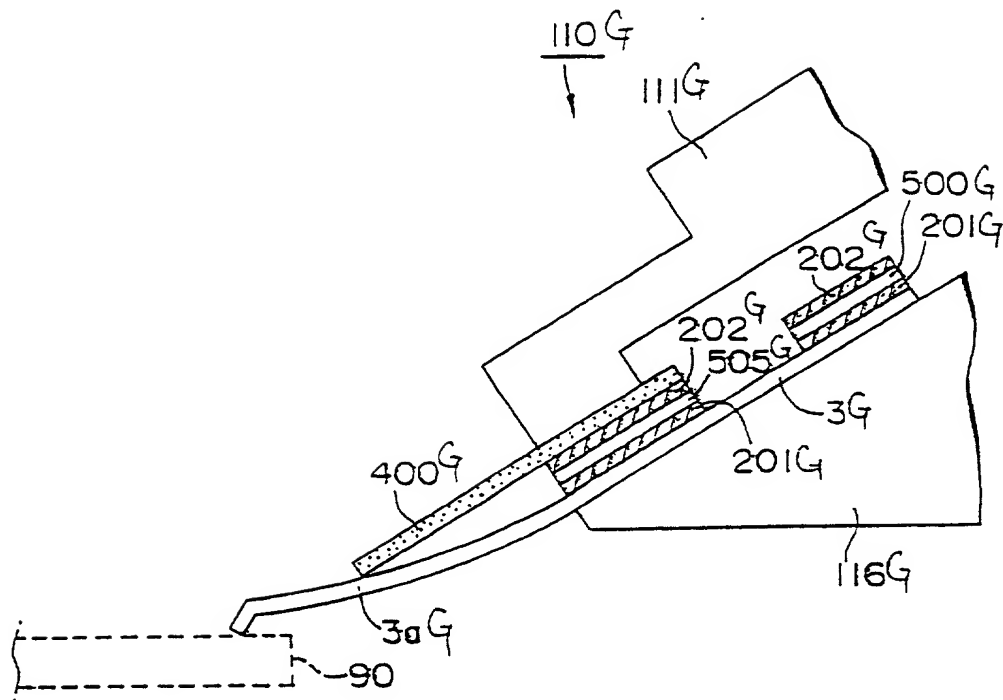


FIG. 49

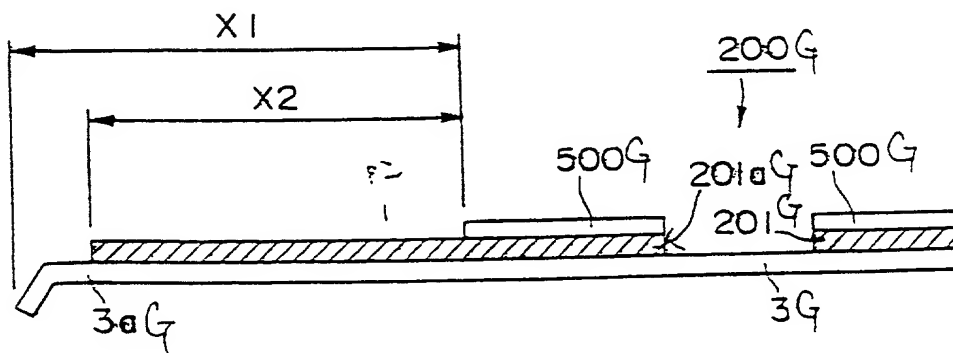


FIG. 50

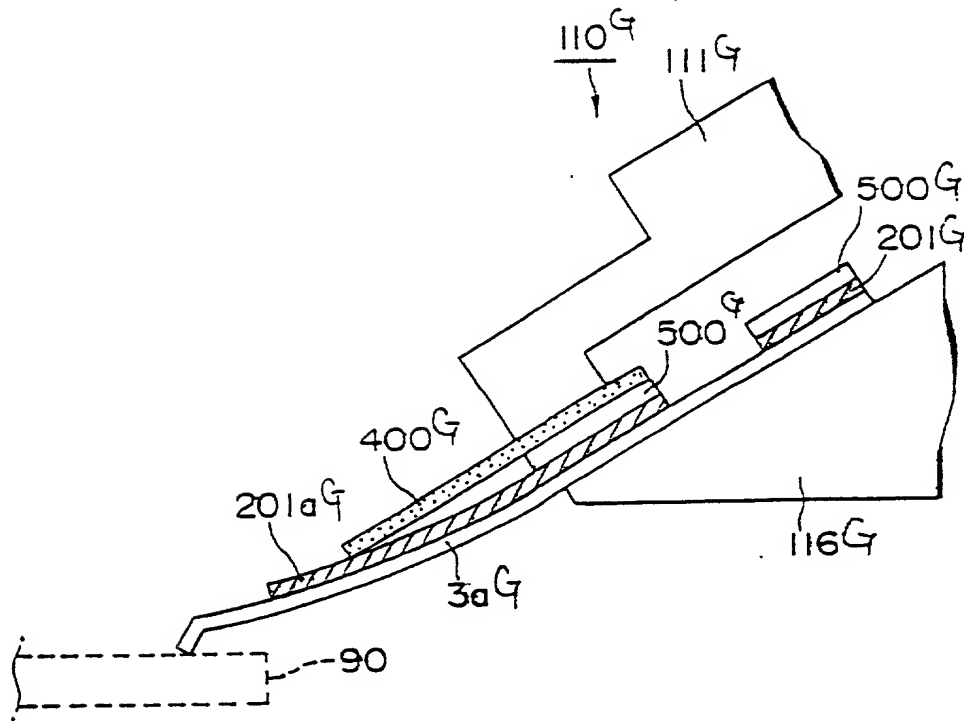
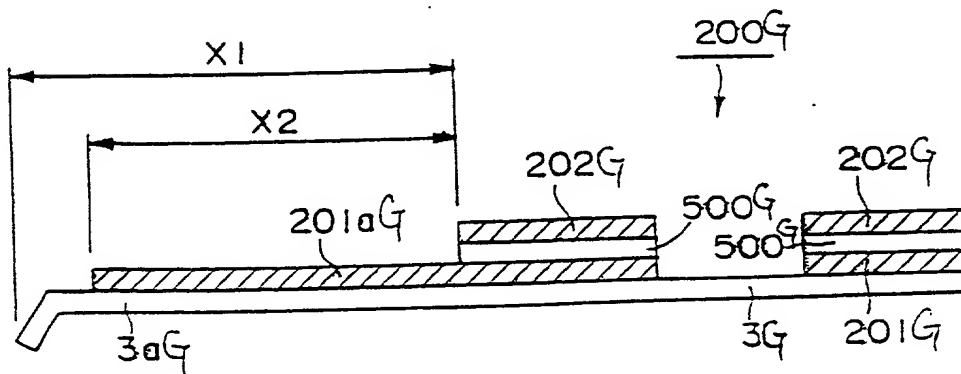


FIG. 51



[illegible]

FIG. 53

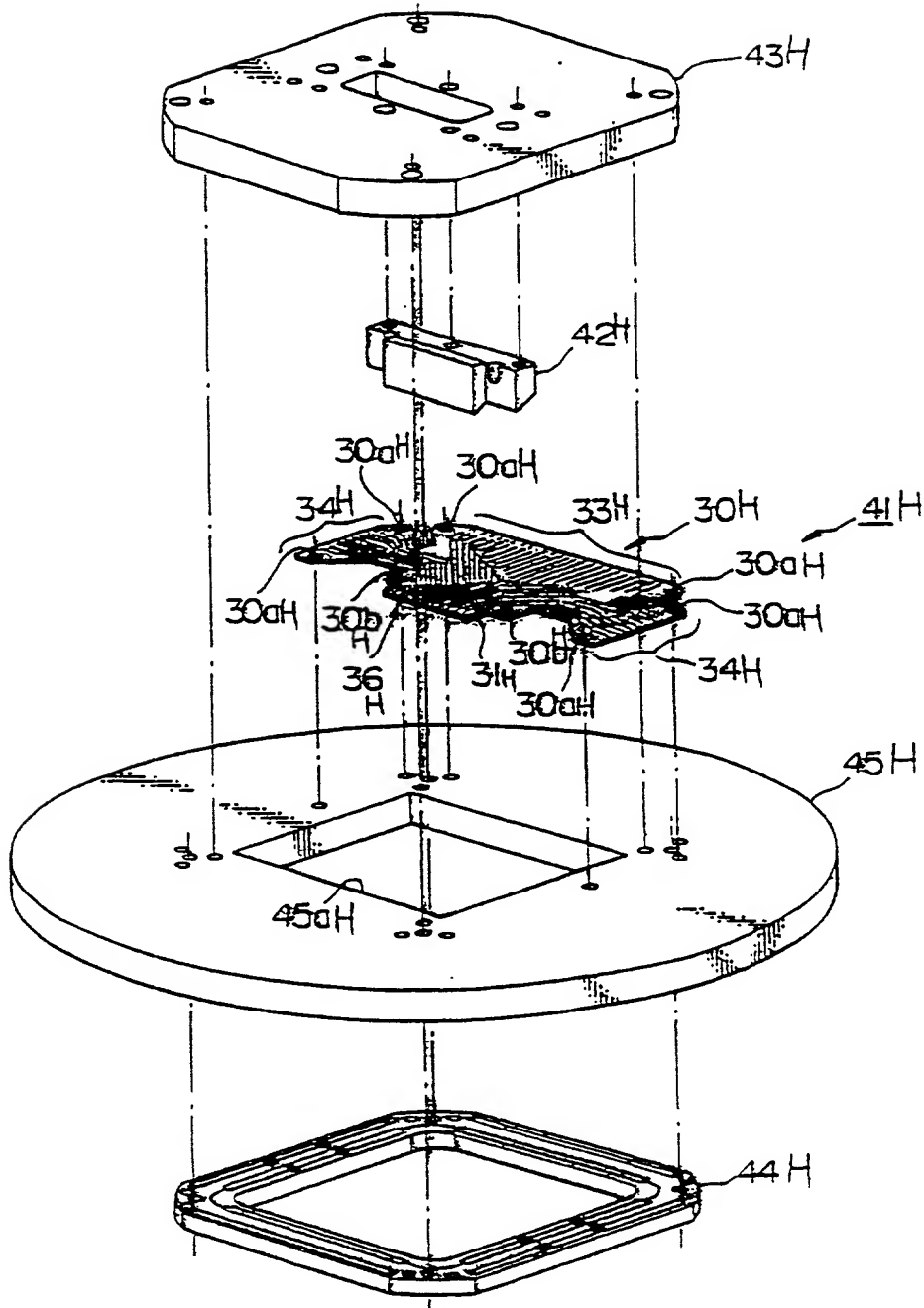
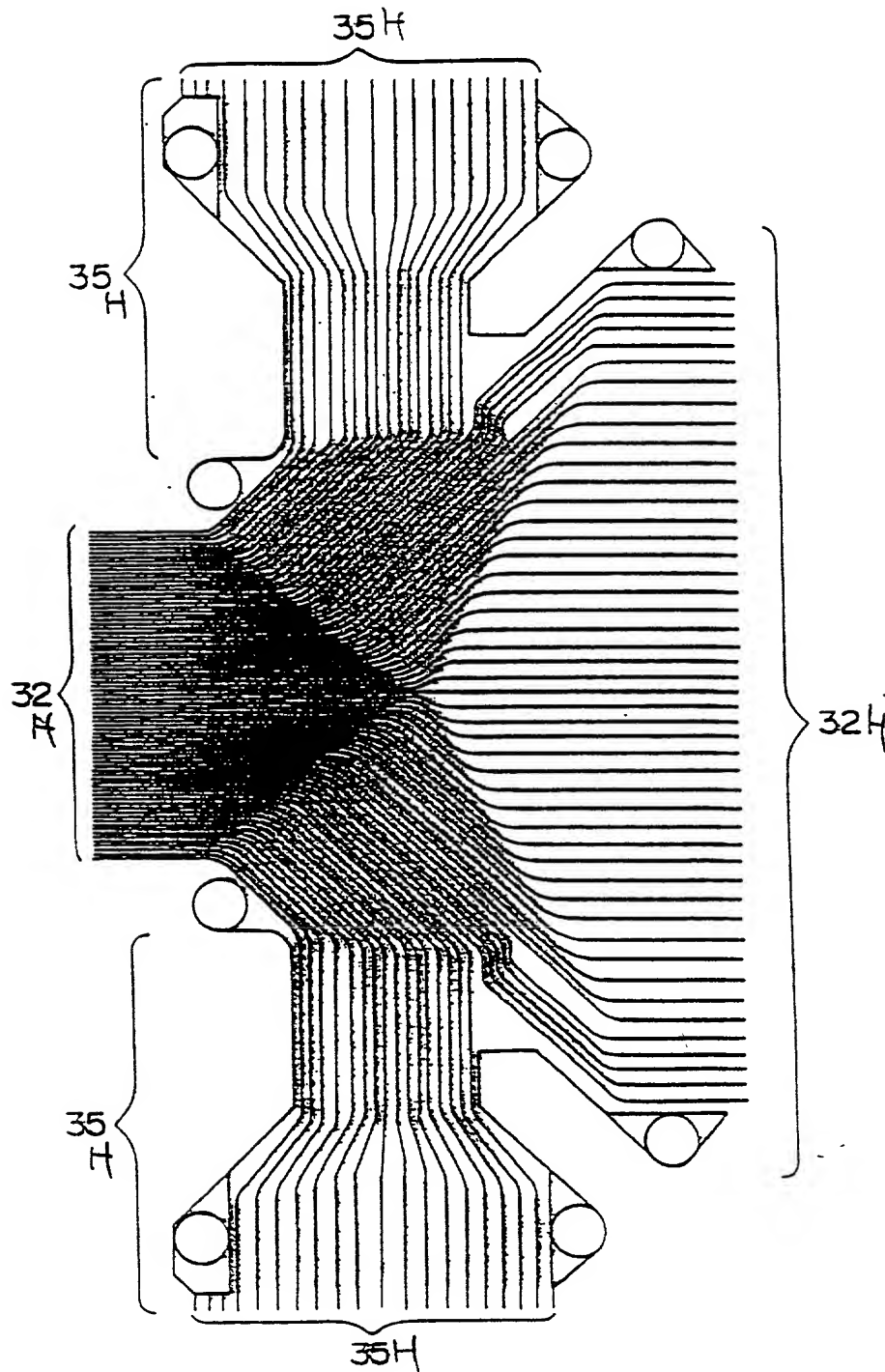


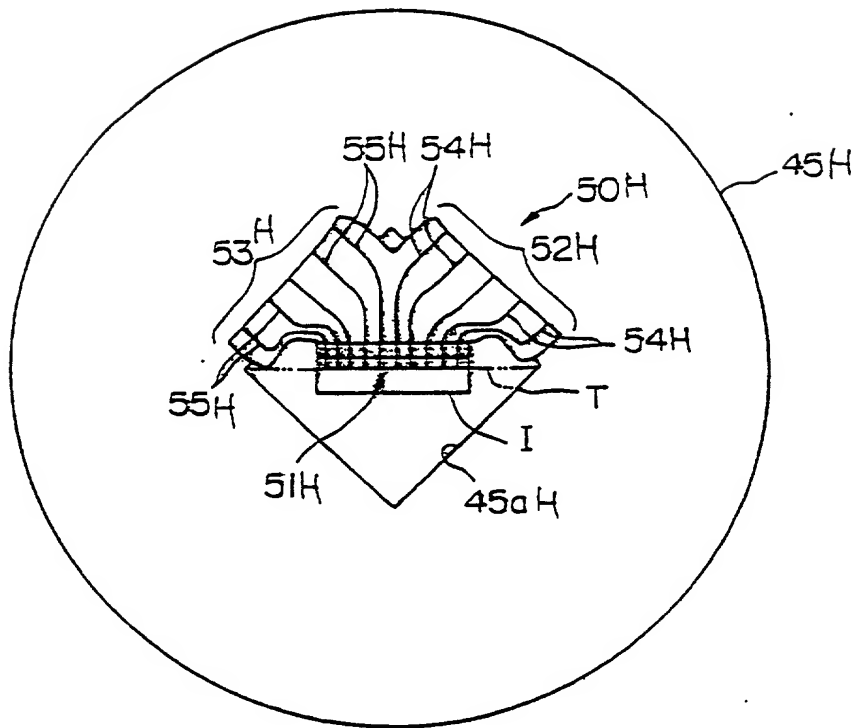
FIG. 54



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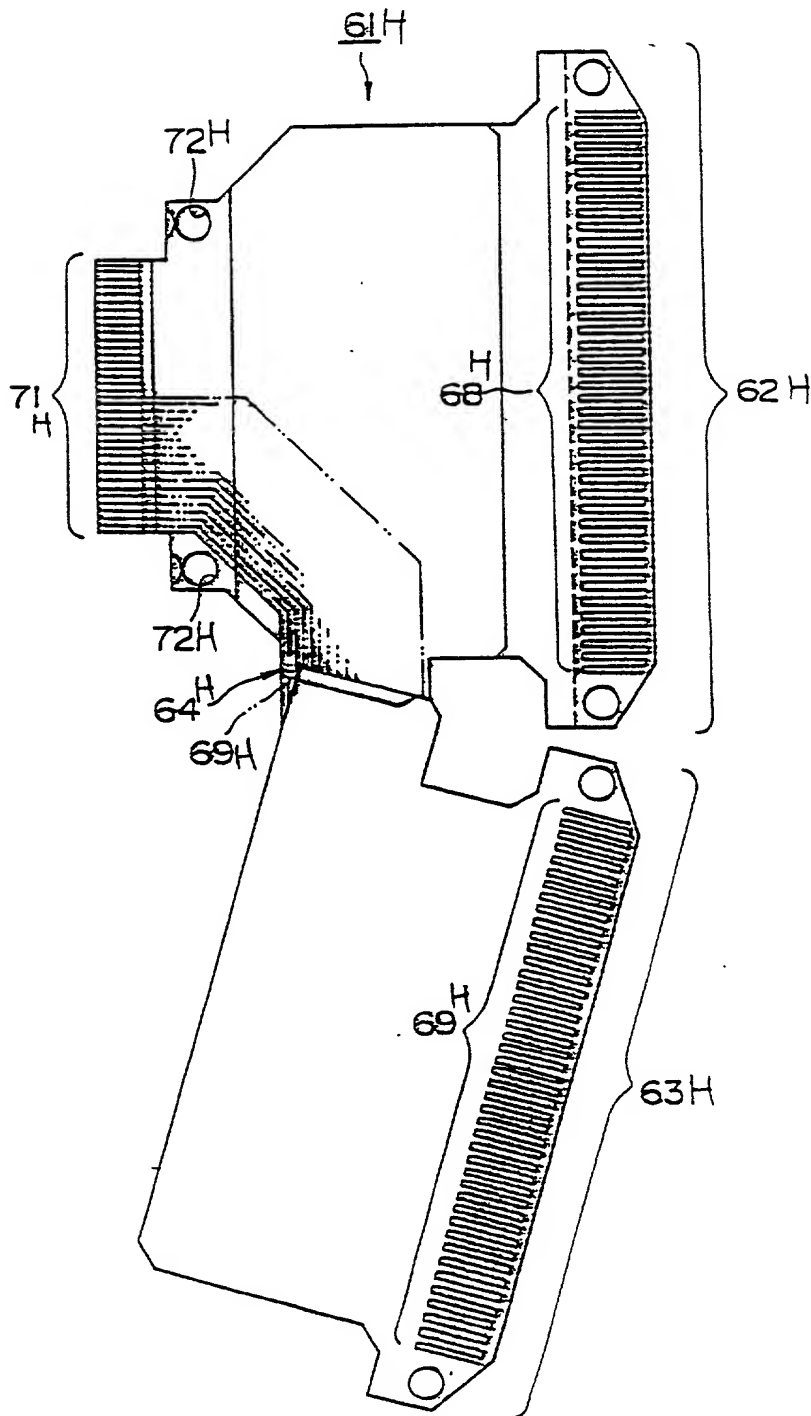


FIG. 55



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FIG. 56



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FIG. 57

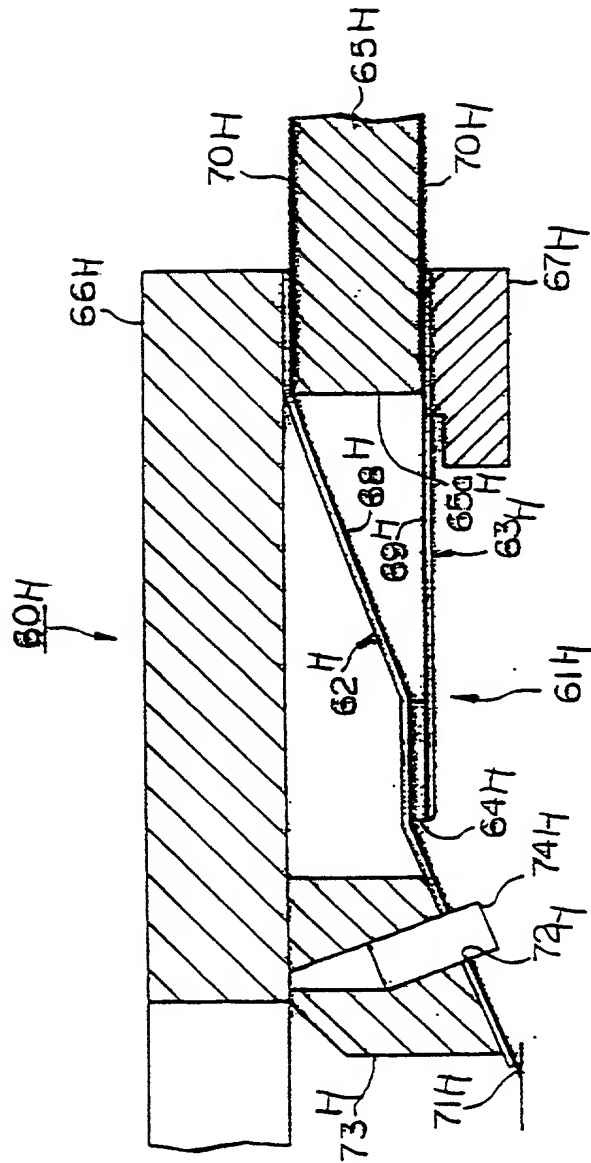


FIG. 58

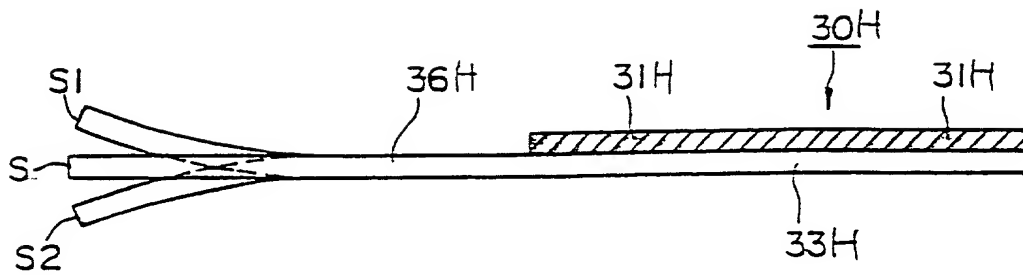
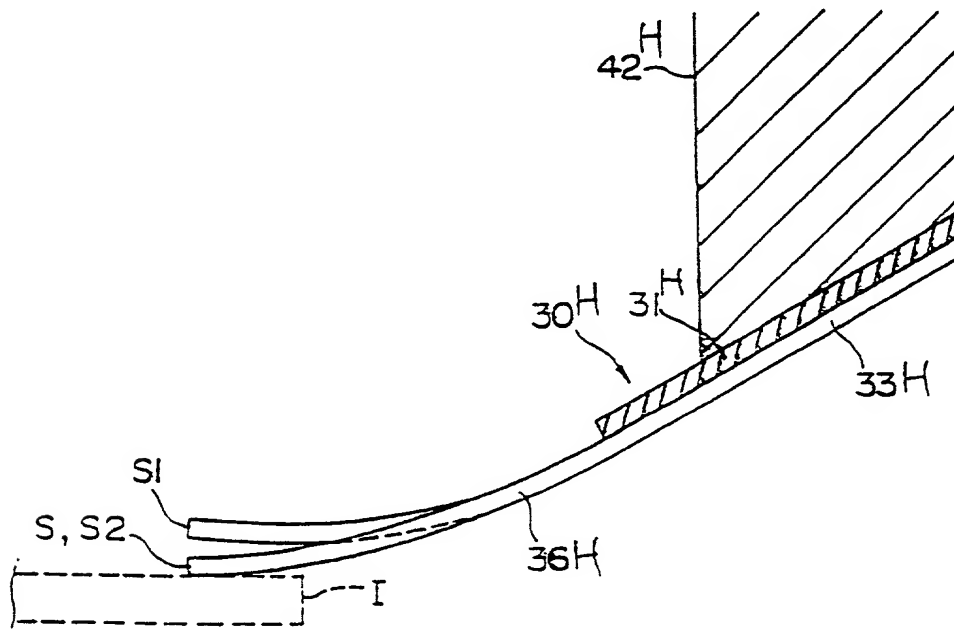


FIG. 59



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FIG. 60

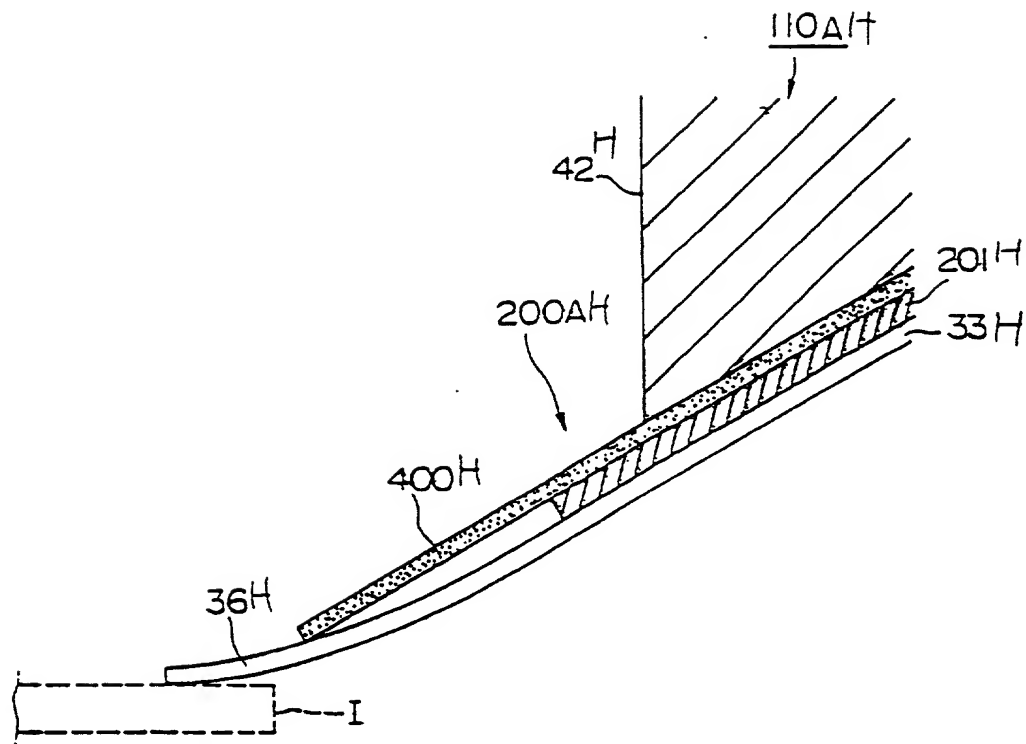


FIG. 61

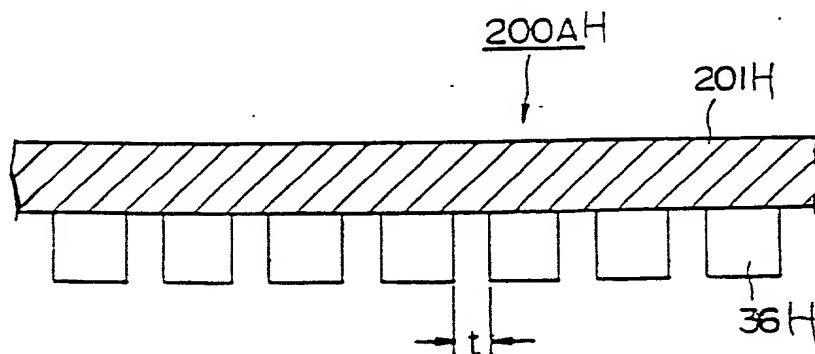


FIG. 62

FIG. 63

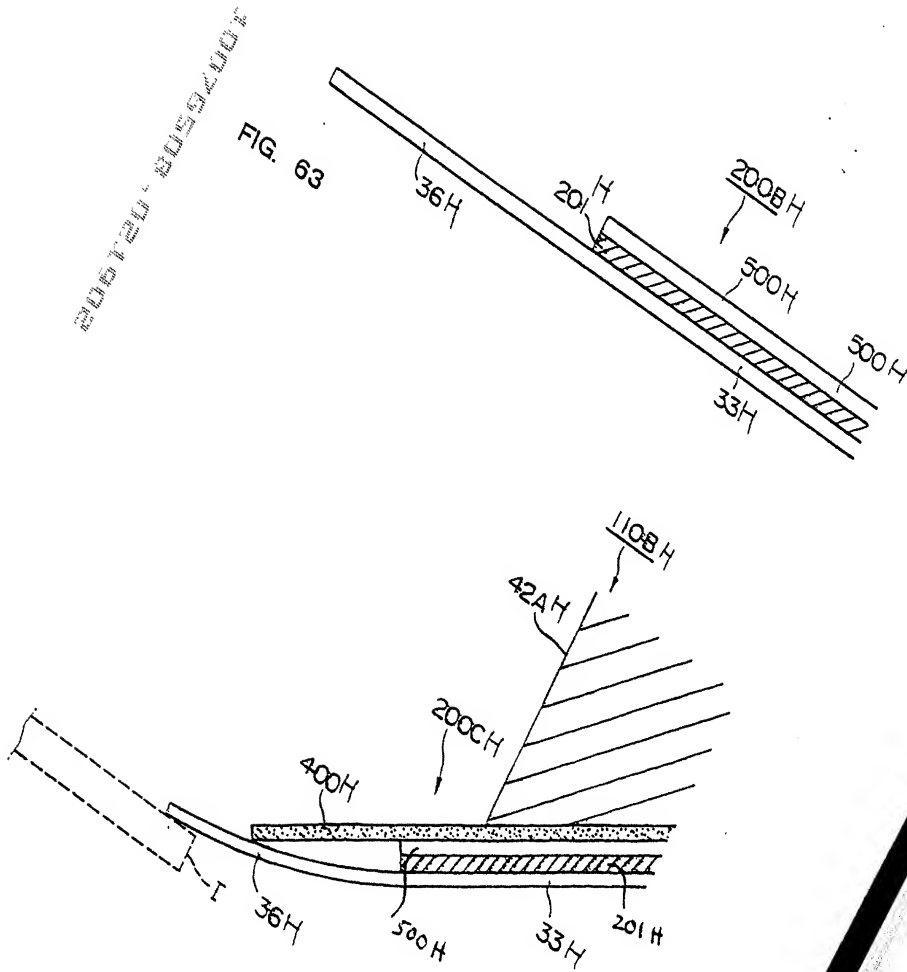


FIG. 64

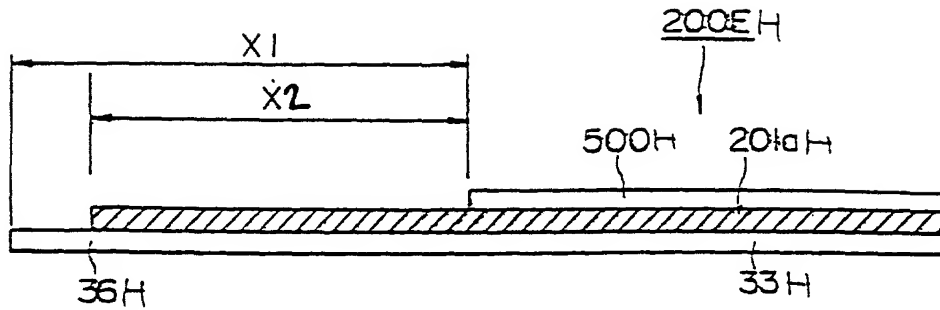


FIG. 65

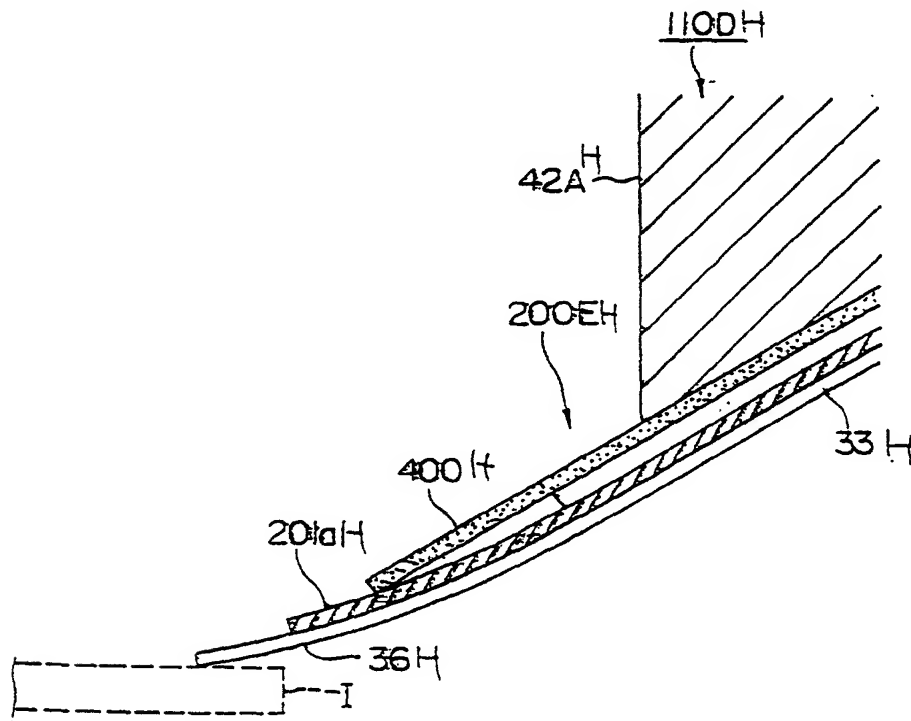
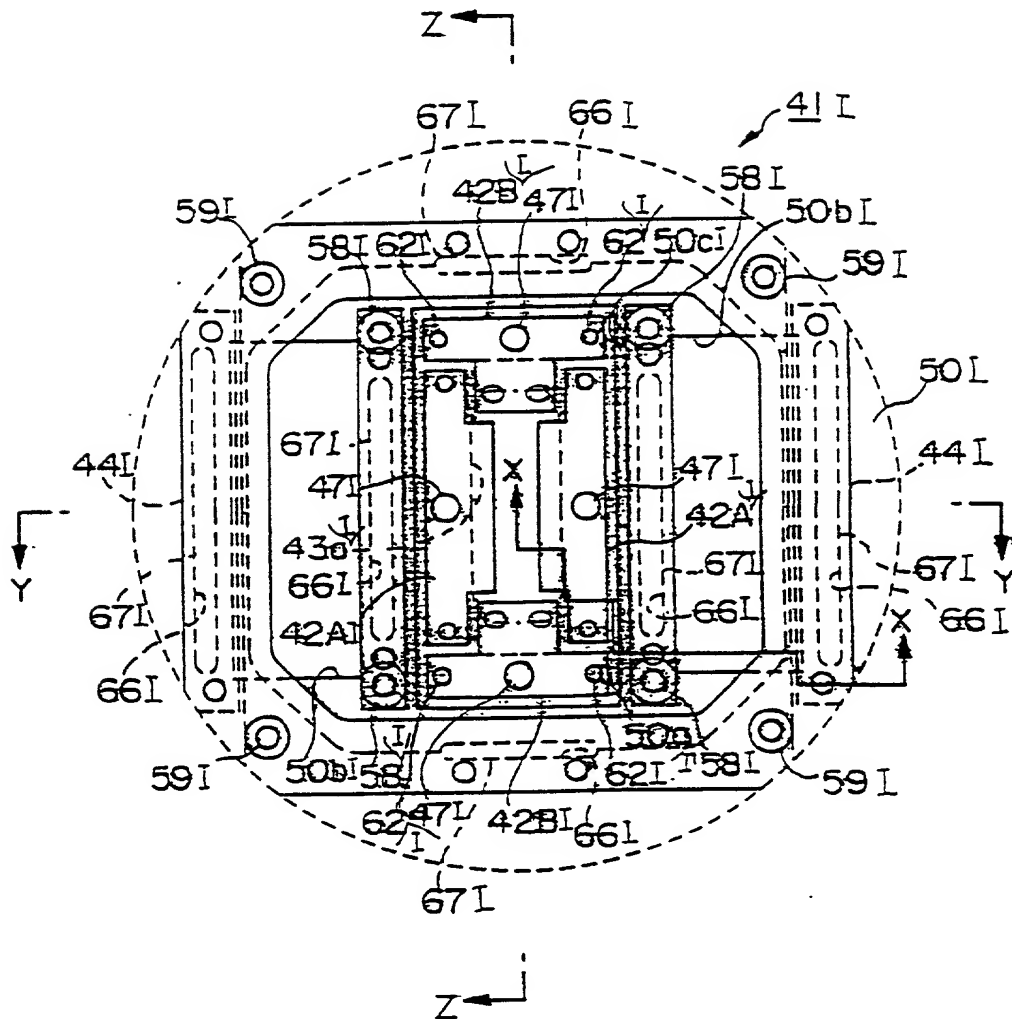


FIG. 66



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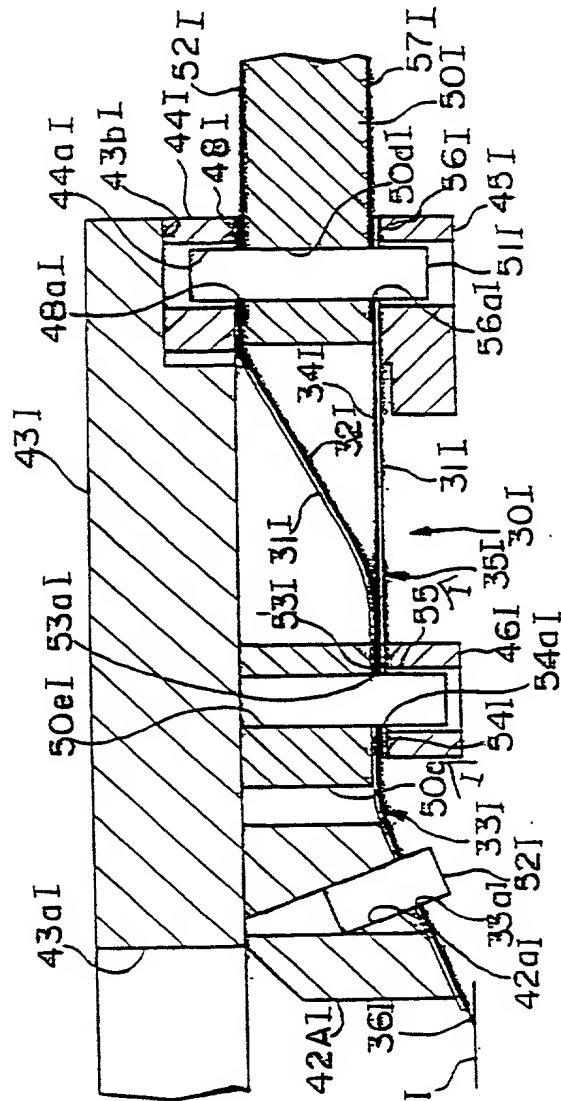


FIG. 68

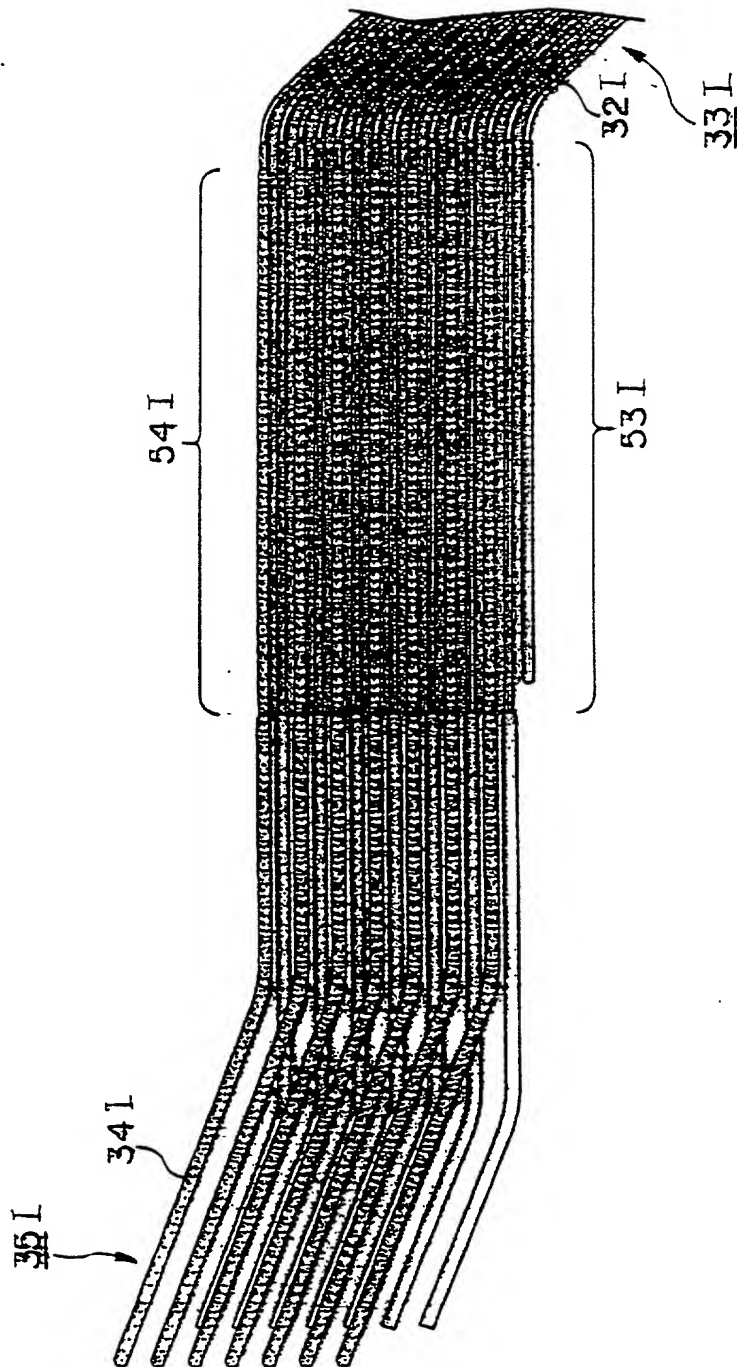
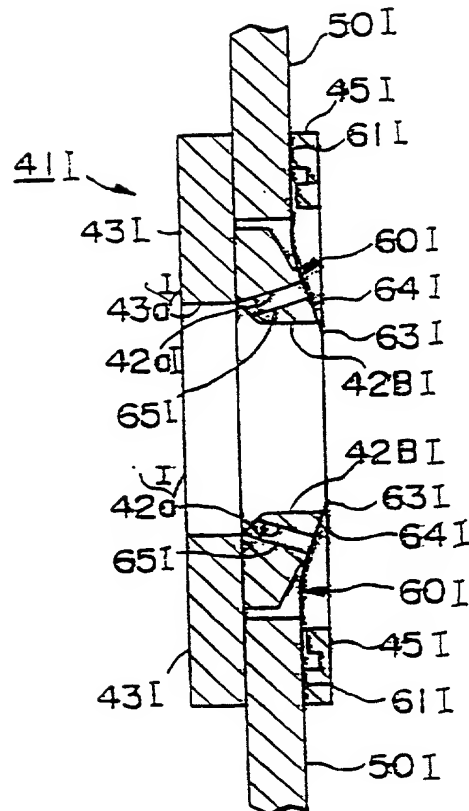




FIG. 70



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FIG. 71

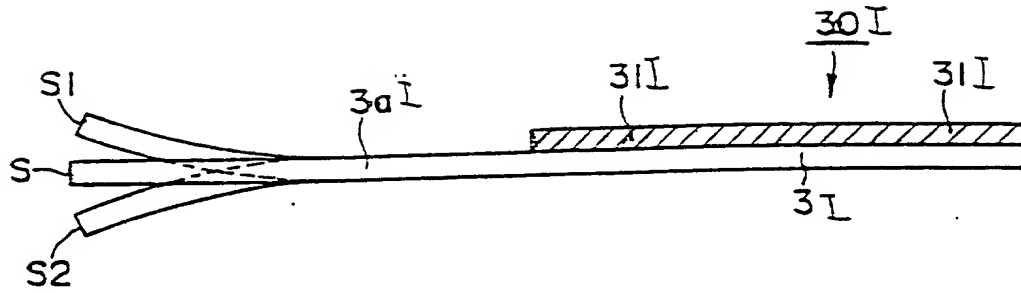
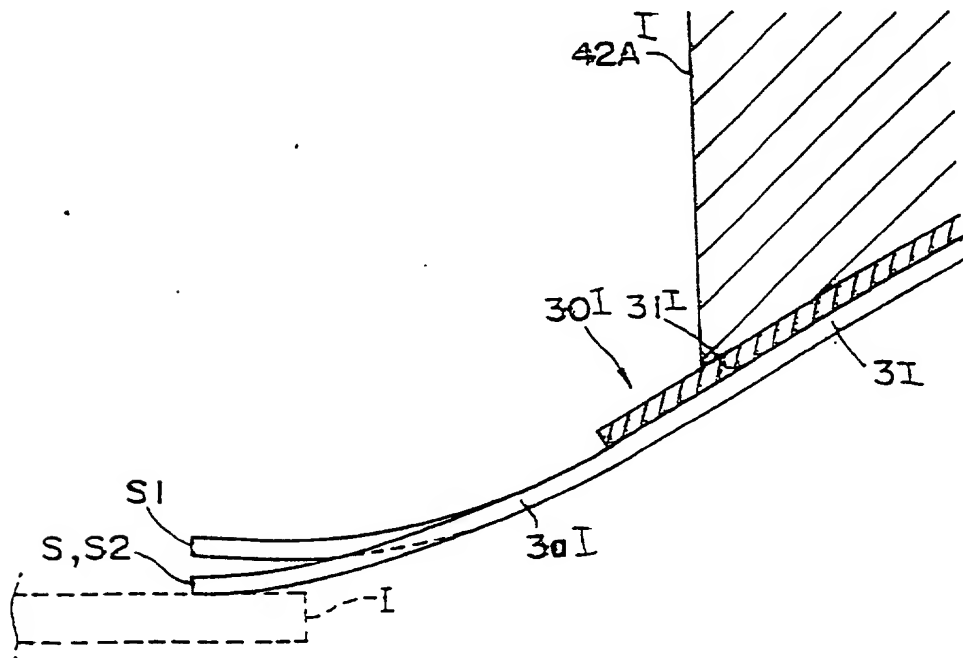


FIG. 72



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FIG. 73

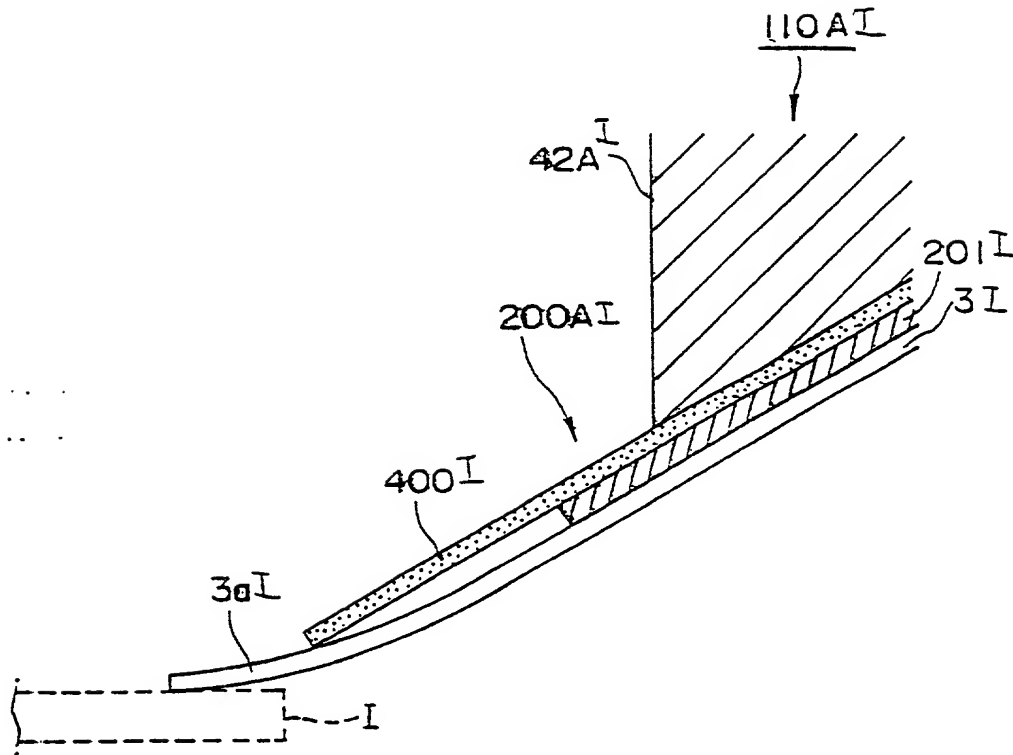


FIG. 74

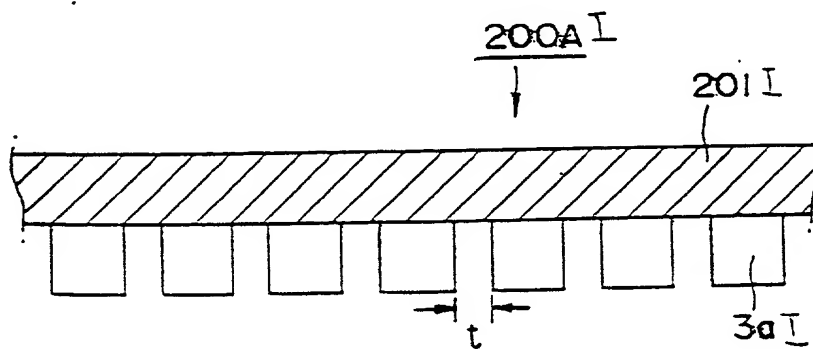


FIG. 75

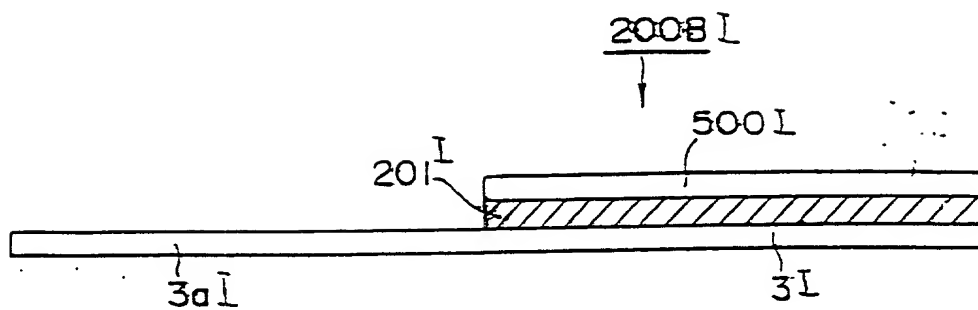


FIG. 76

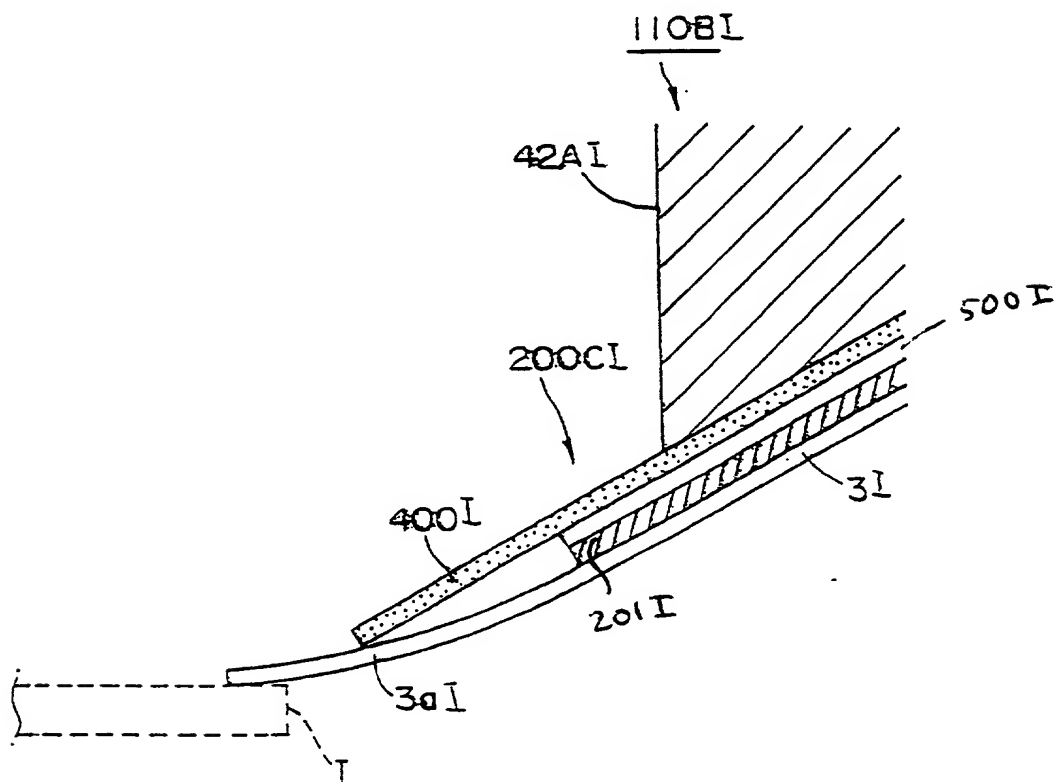


FIG. 77

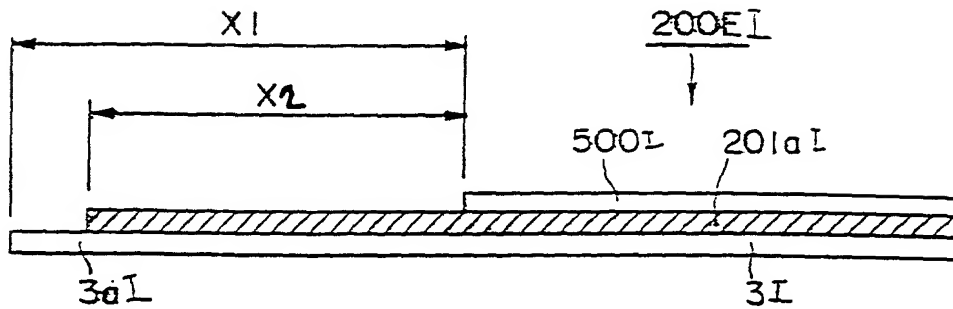
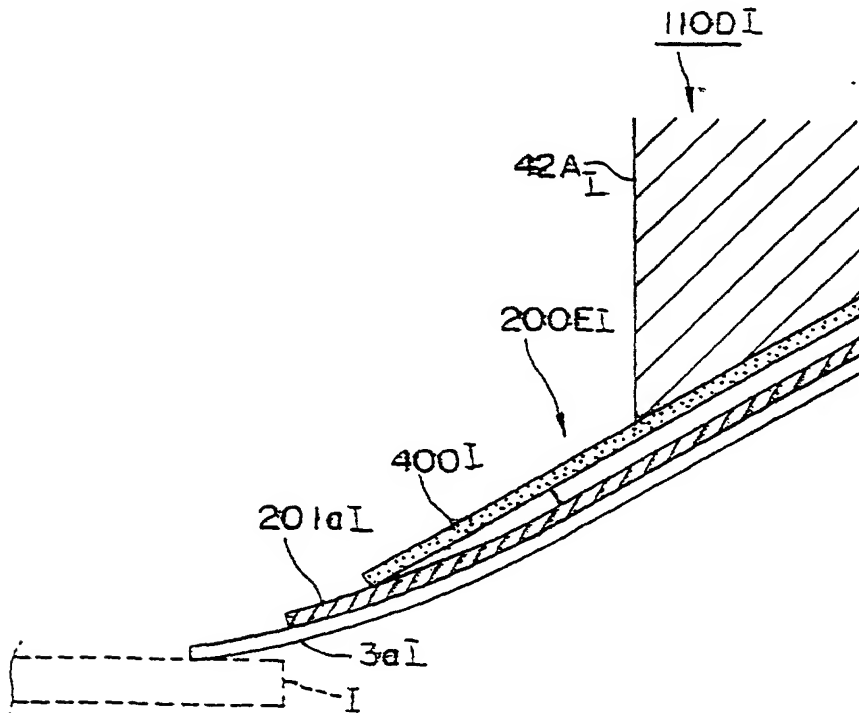


FIG. 78



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FIG. 79

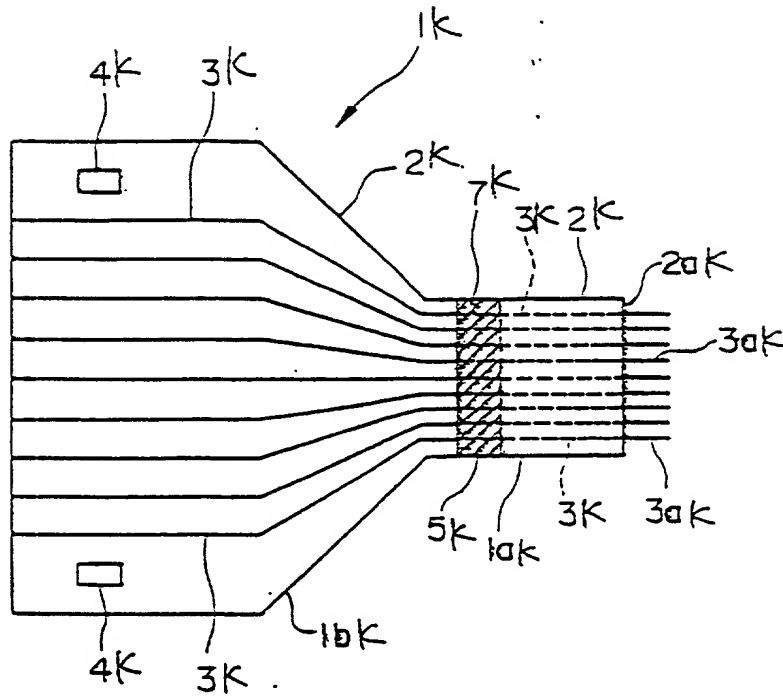
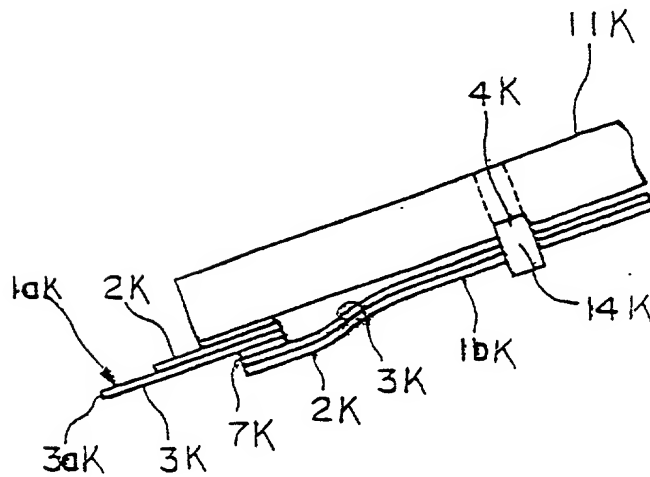


FIG. 80



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FIG. 81

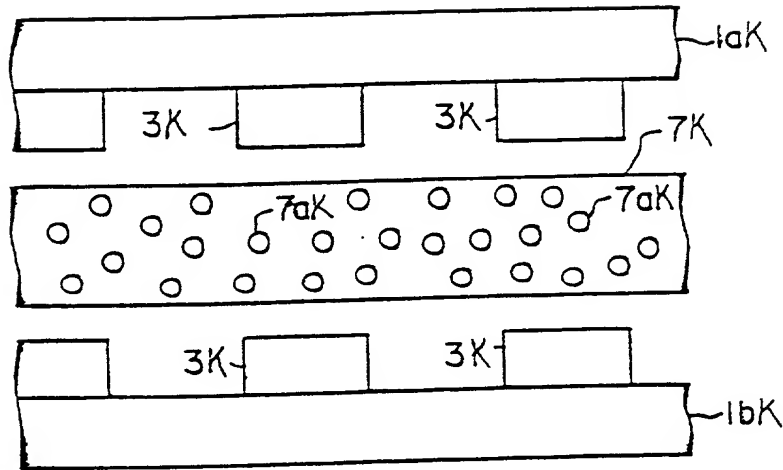
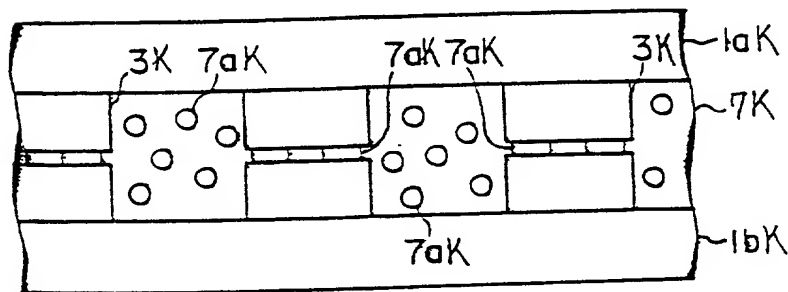


FIG. 82



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FIG. 83

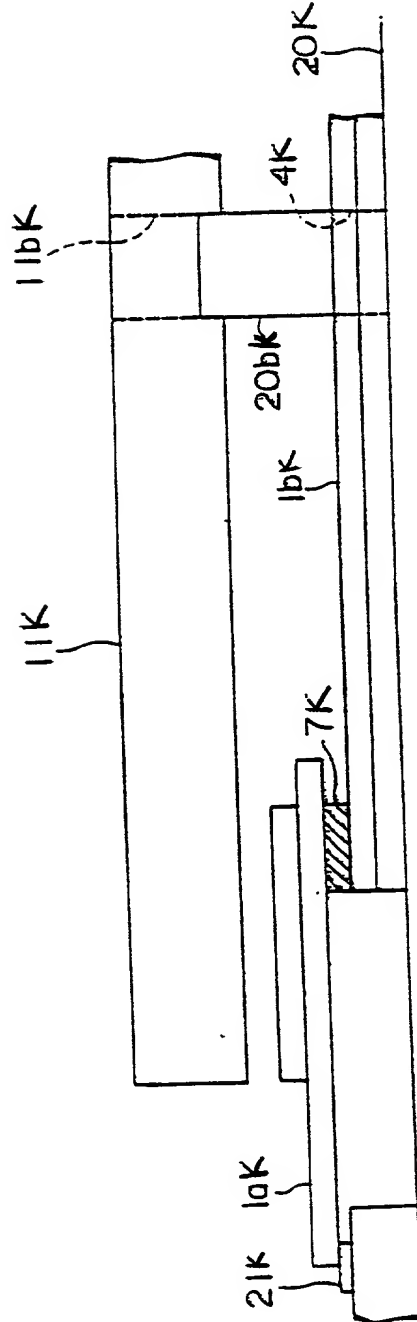


FIG. 84

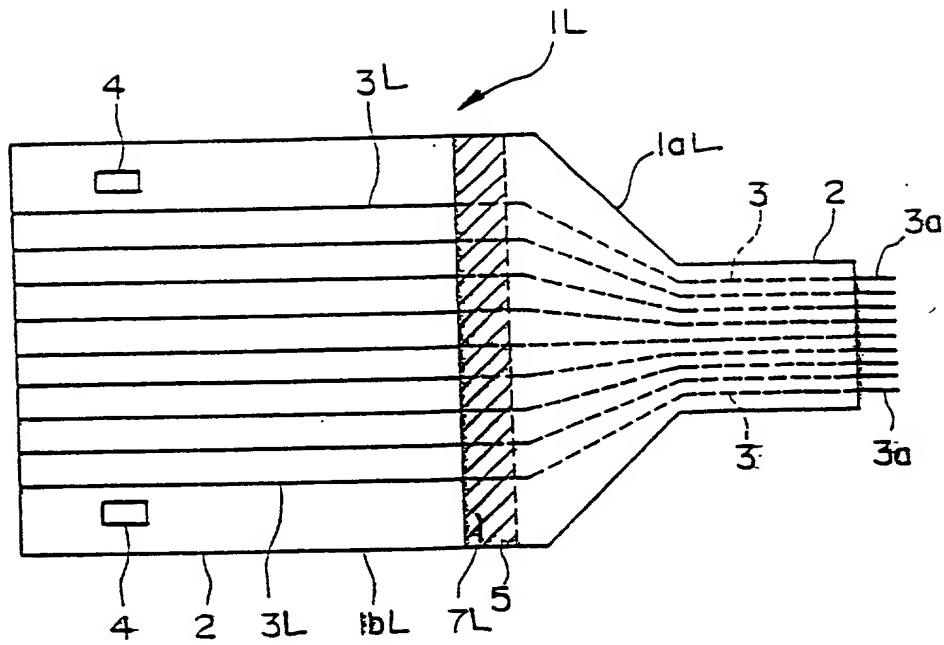


FIG. 85

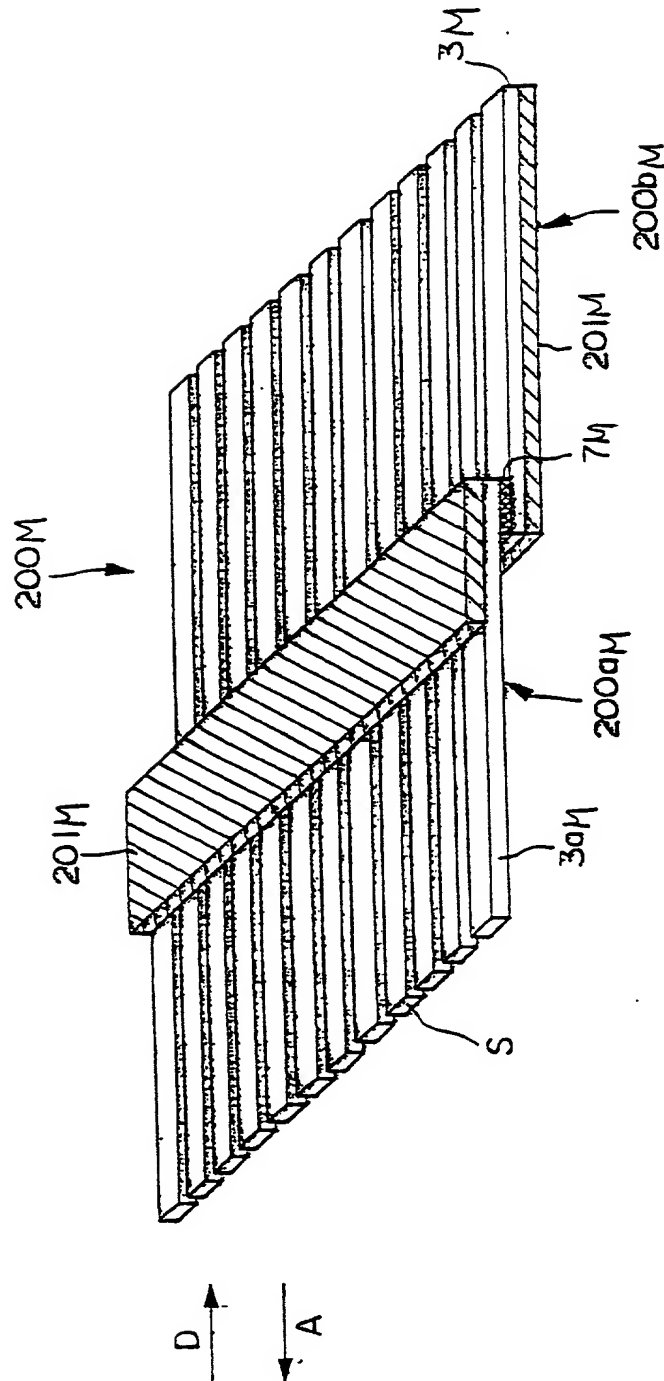


FIG. 86

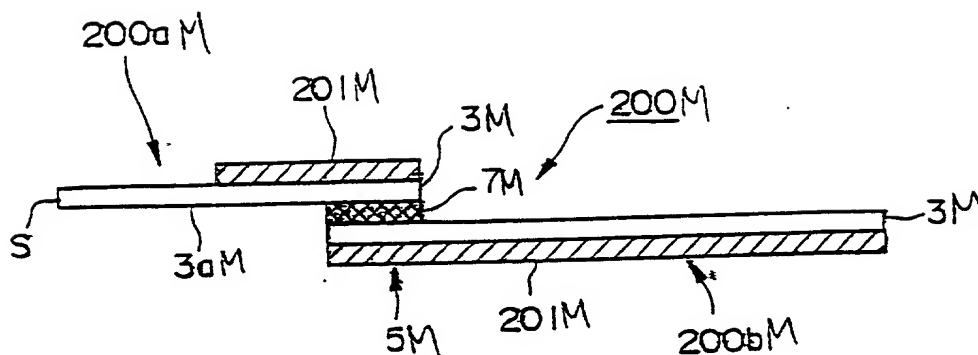


FIG. 87

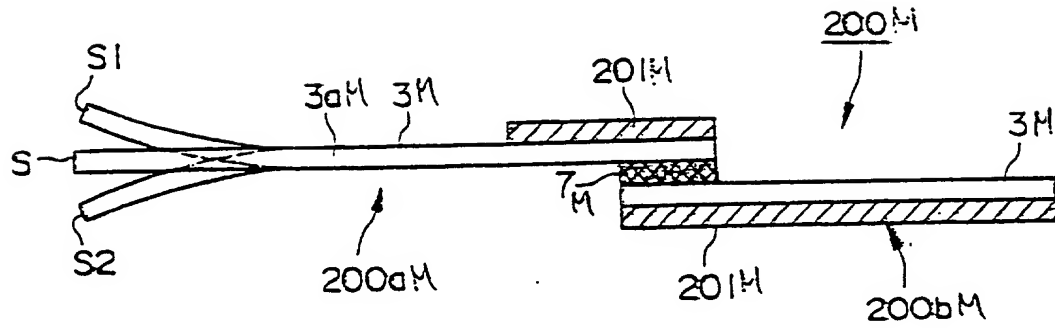
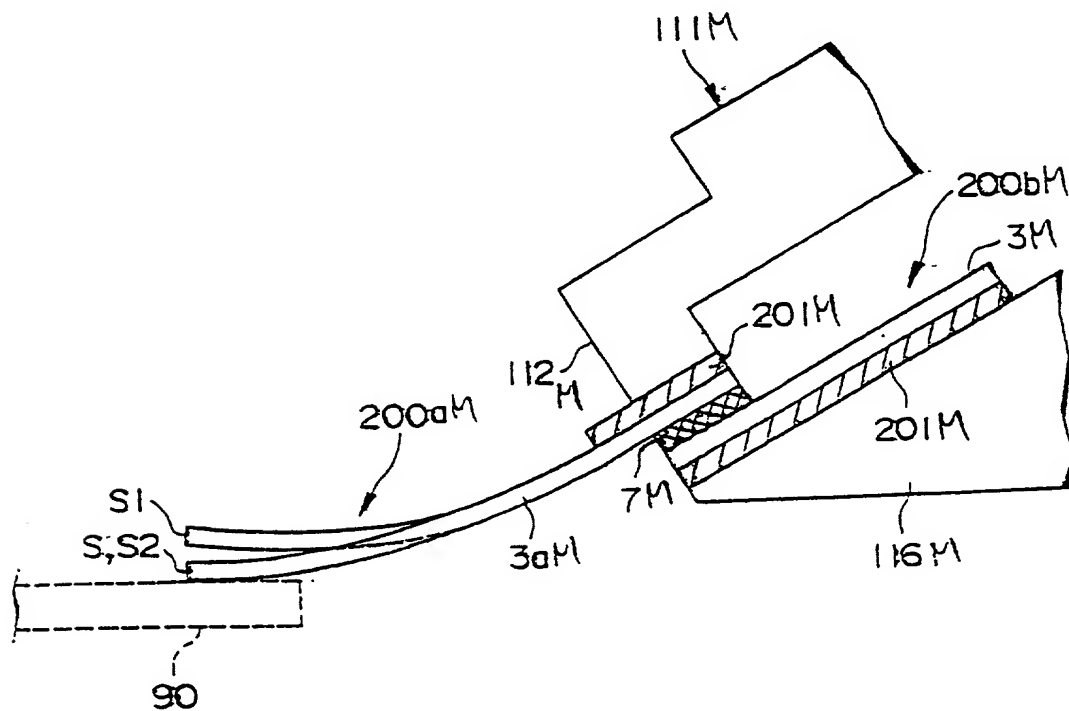


FIG. 88



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FIG. 89

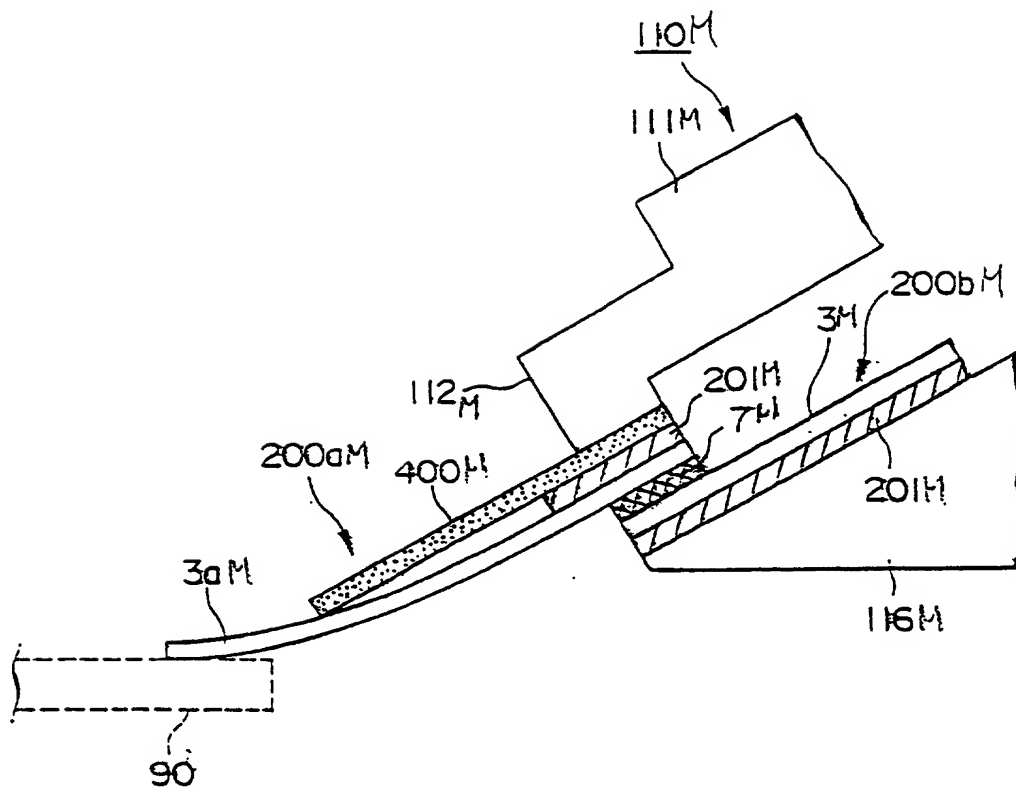




FIG. 90

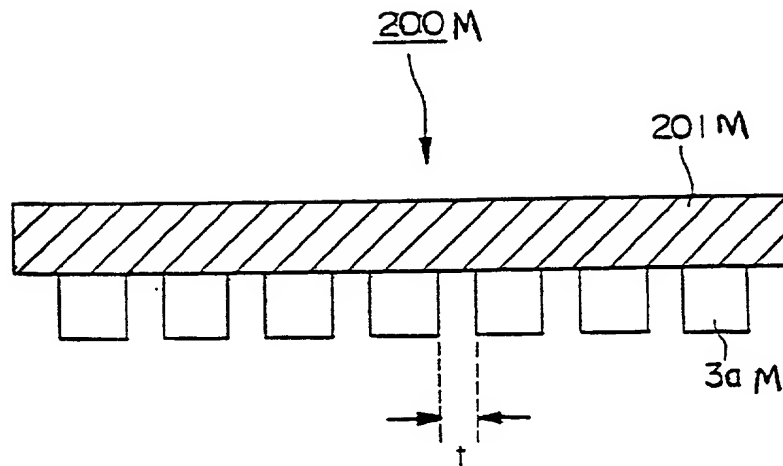


FIG. 91

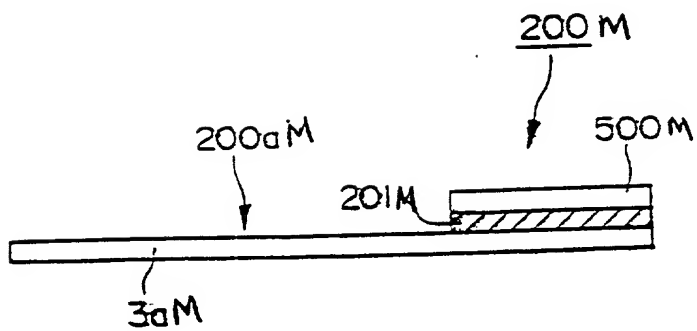


FIG. 92

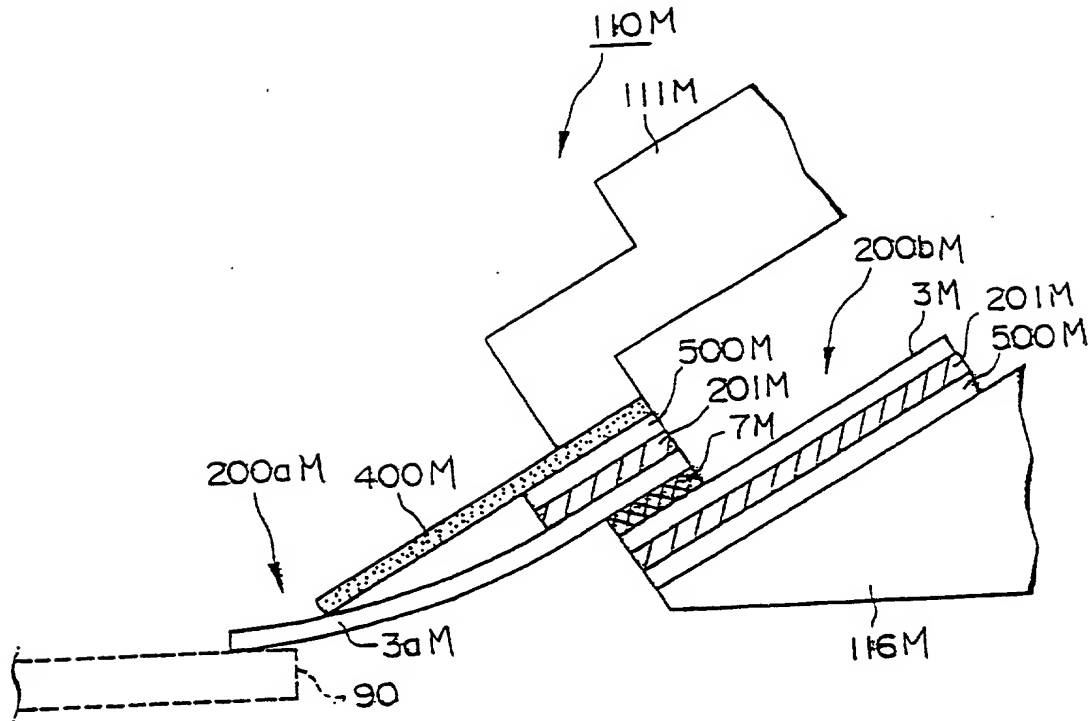


FIG. 93

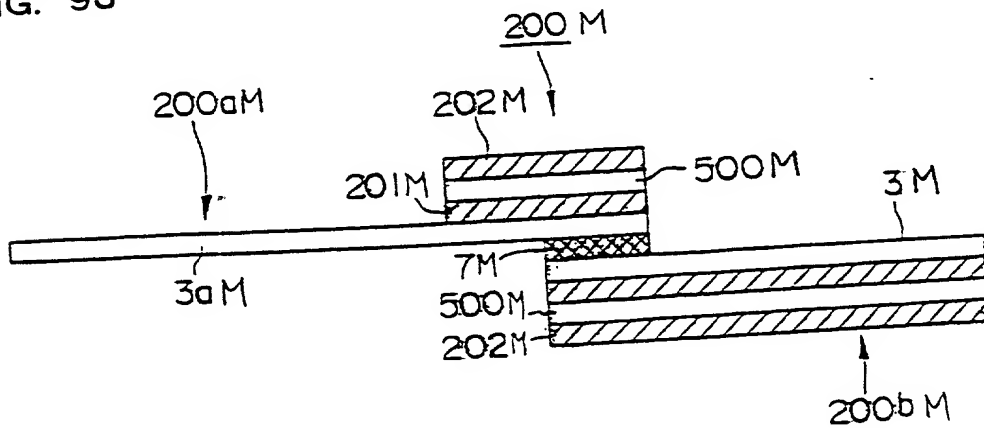


FIG. 94

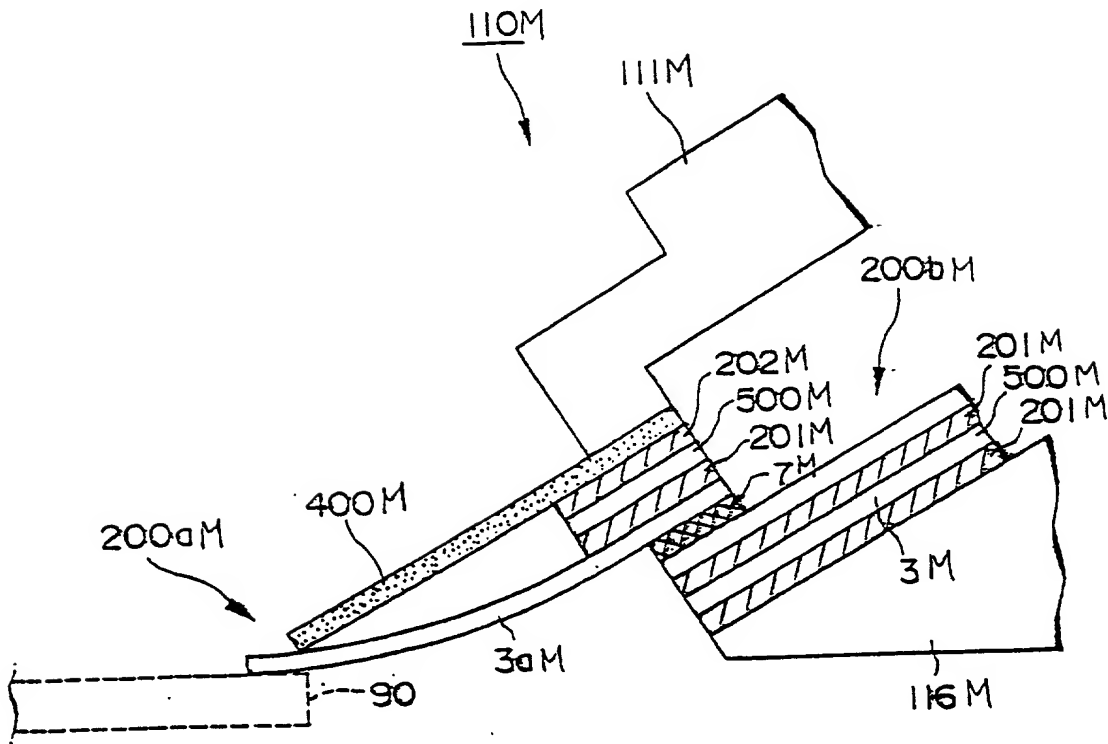


FIG. 95

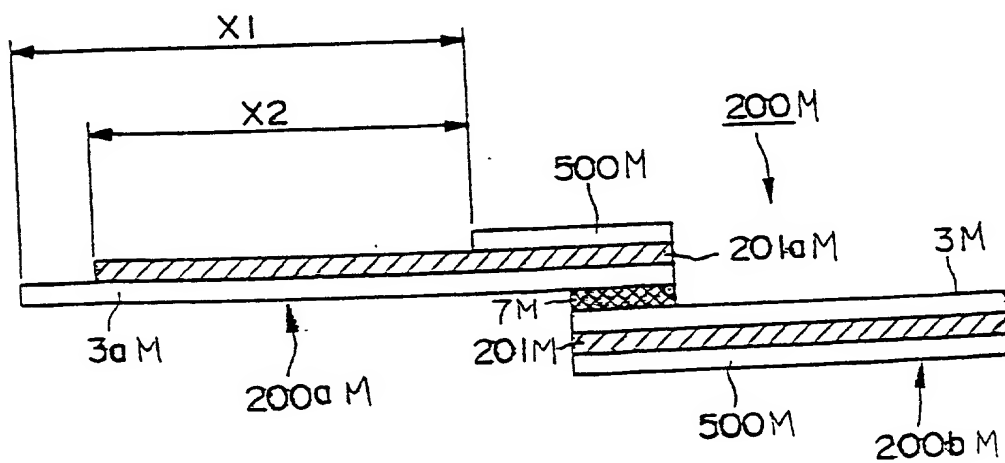


FIG. 96

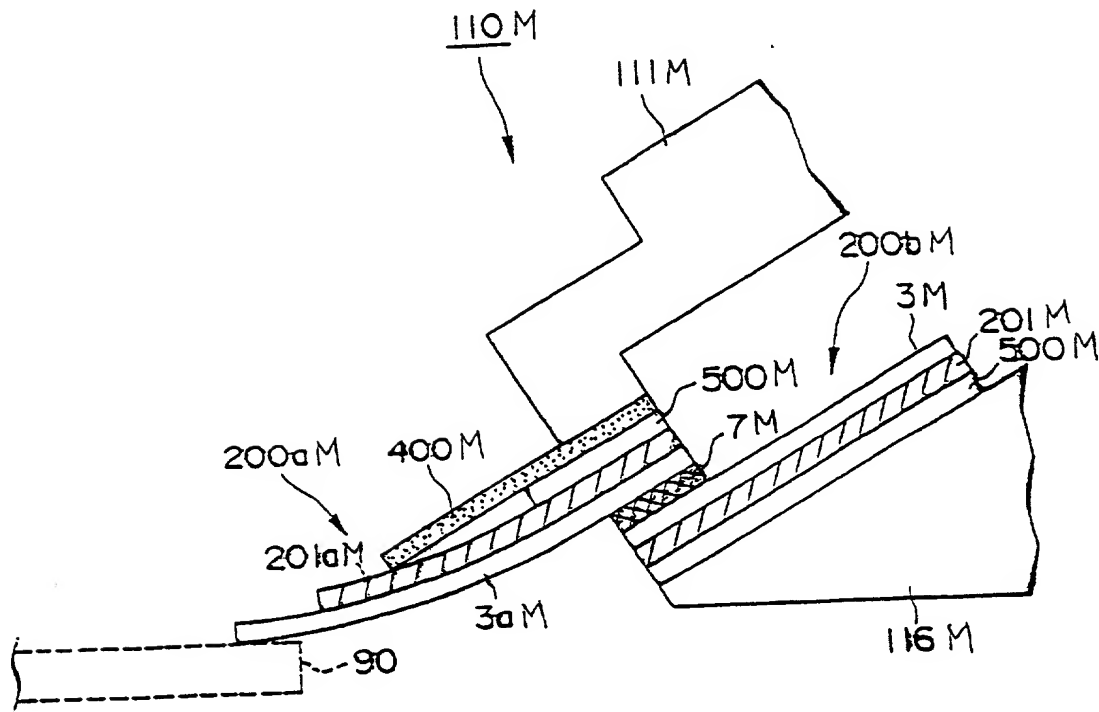


FIG. 97

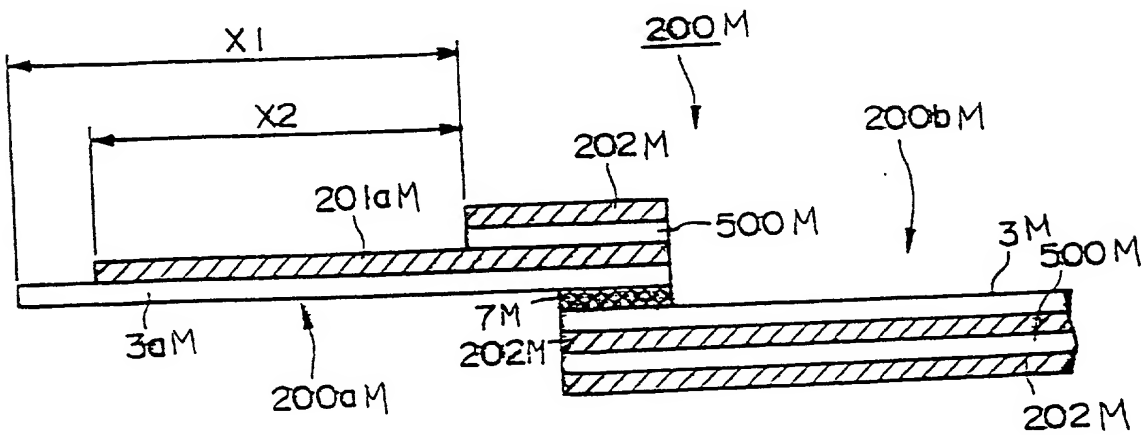


FIG. 98

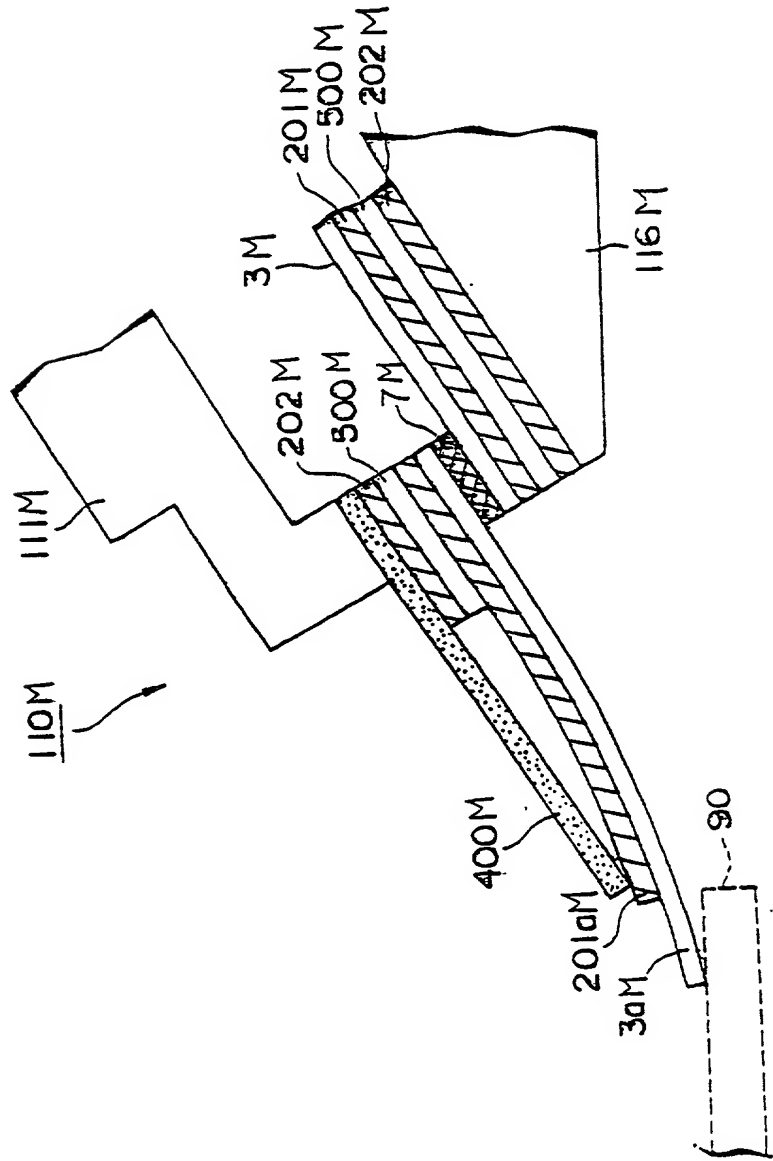


FIG. 99

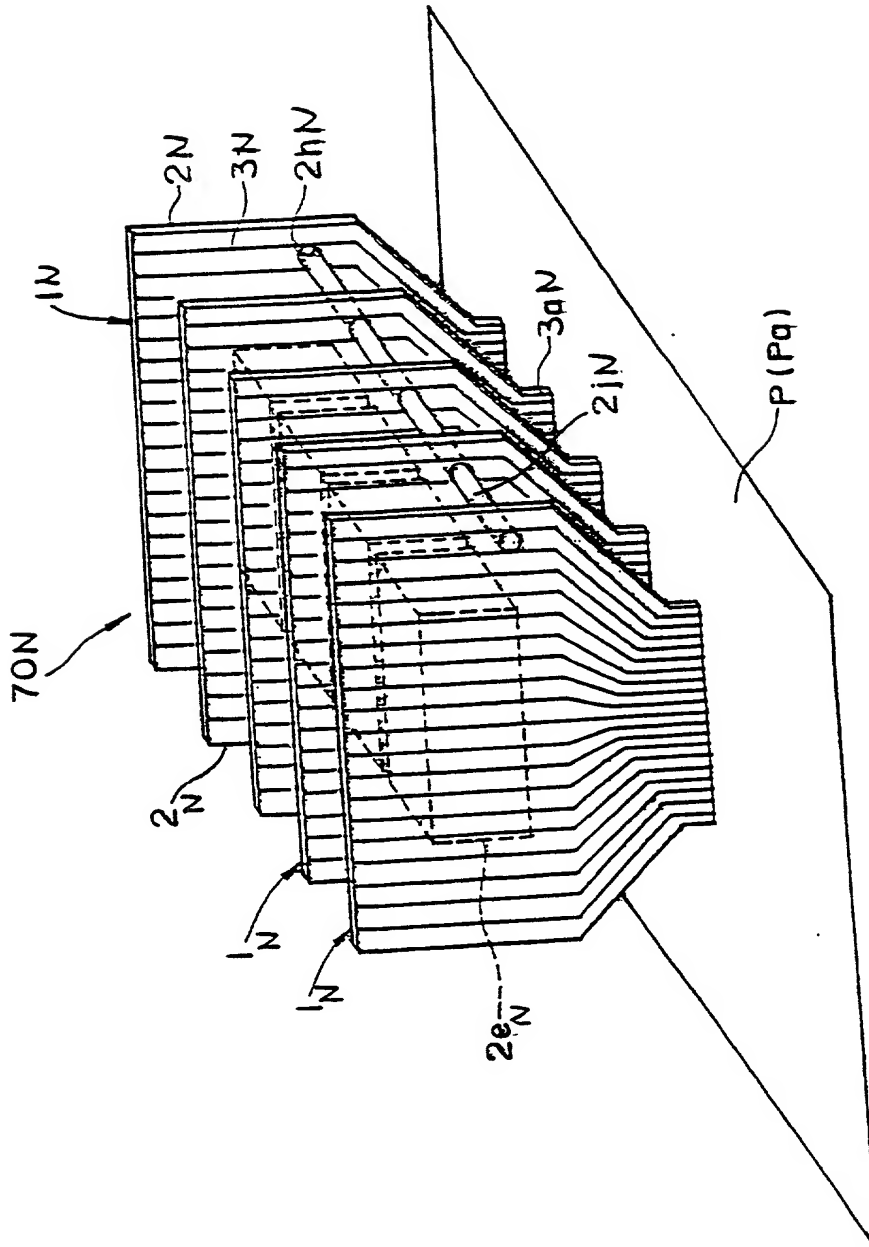


Fig. 100

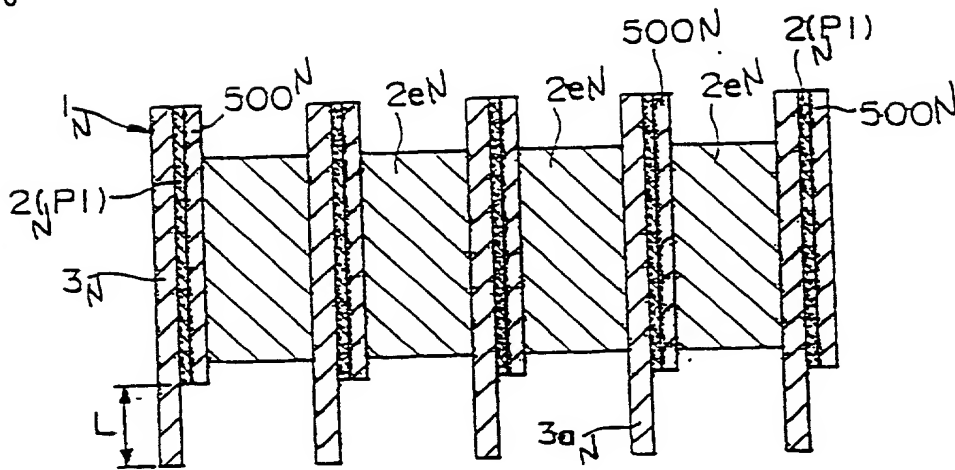
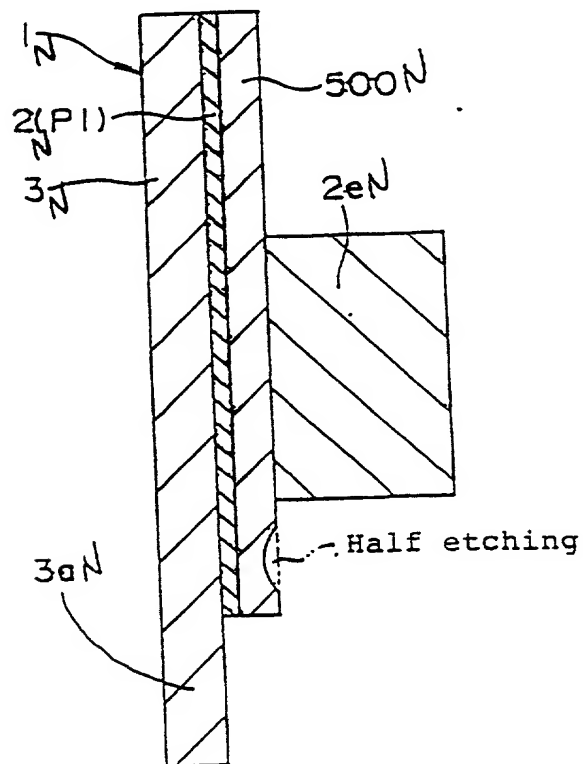


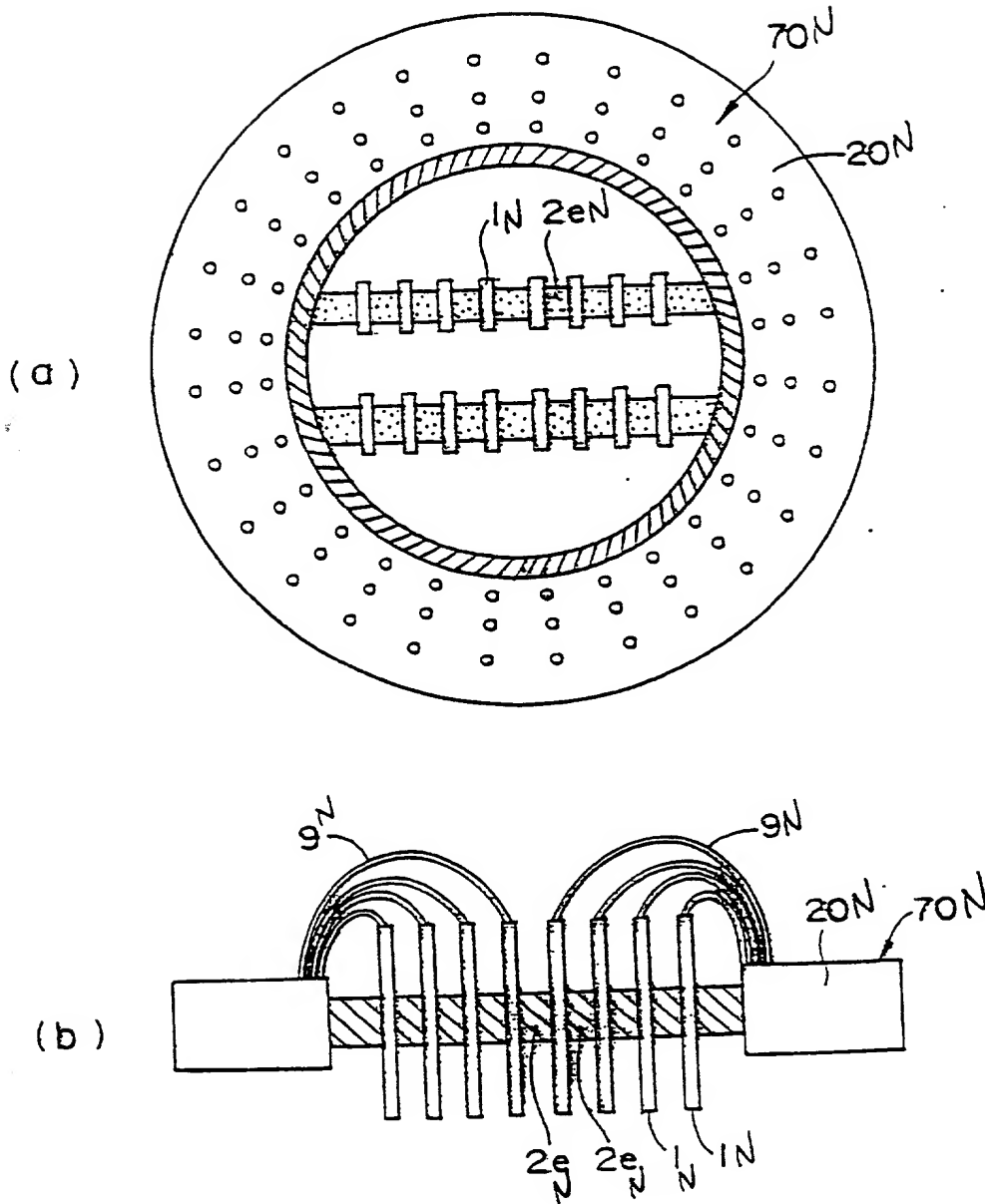
Fig. 101



20051201 80594001



FIG. 102



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FIG. 103

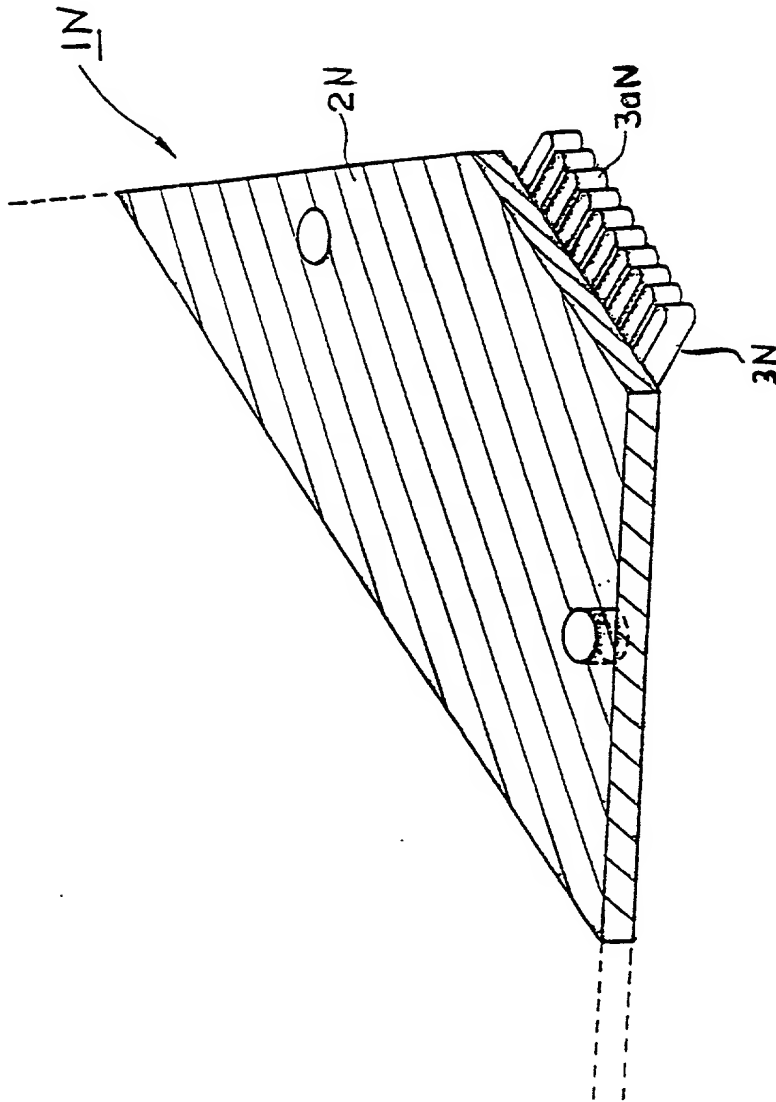


FIG. 104

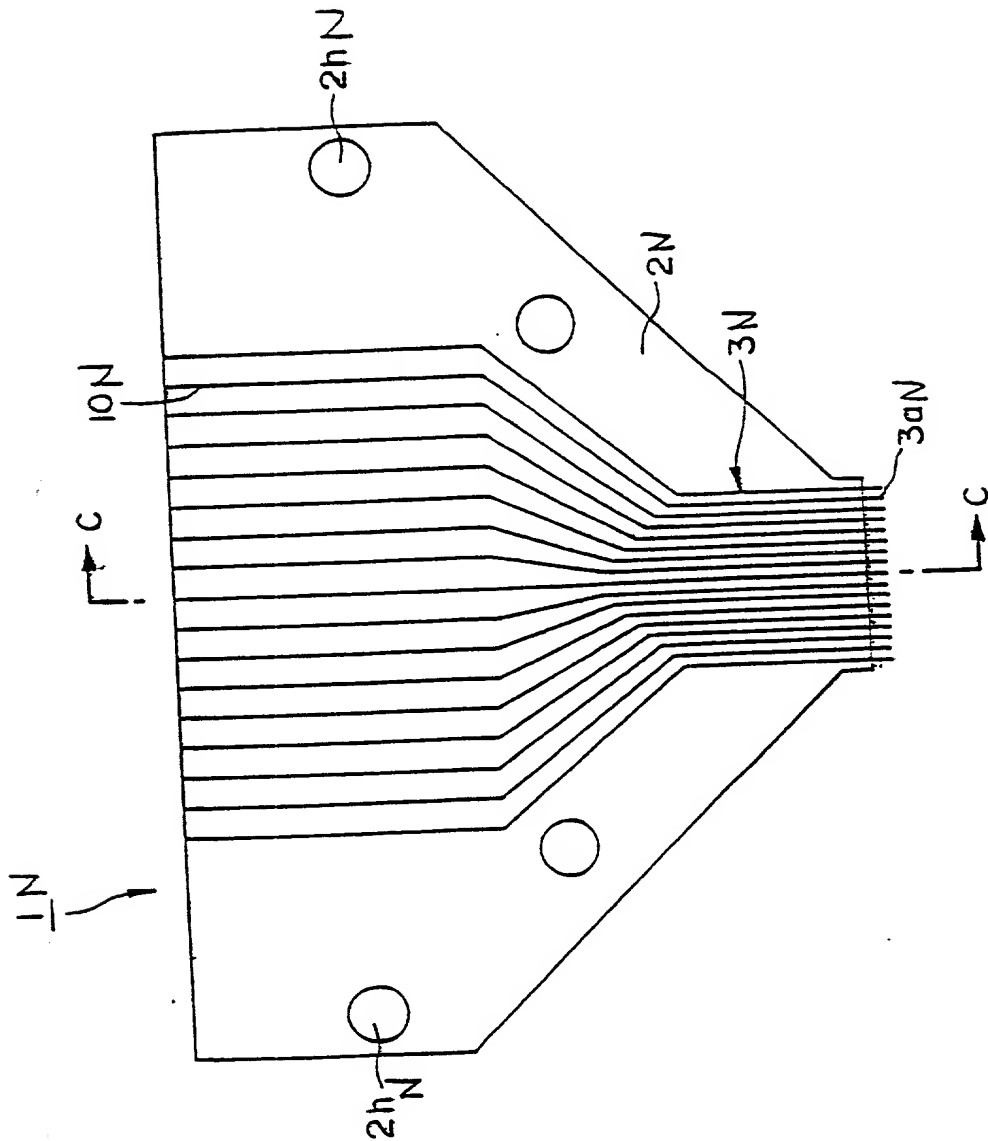


FIG. 105

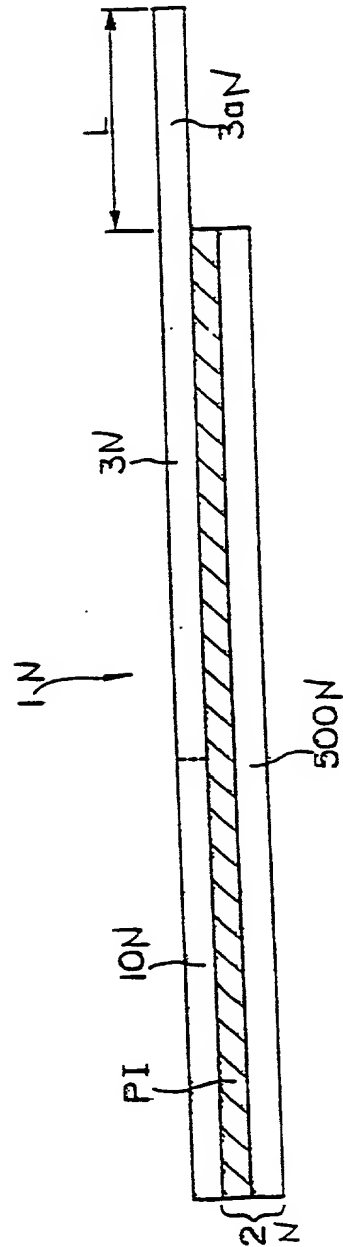


Fig. 106

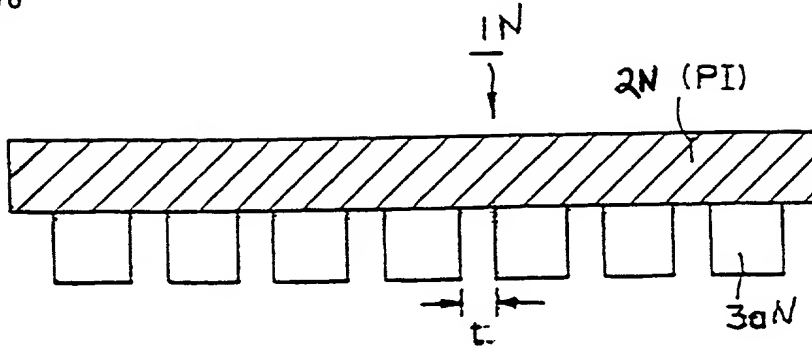
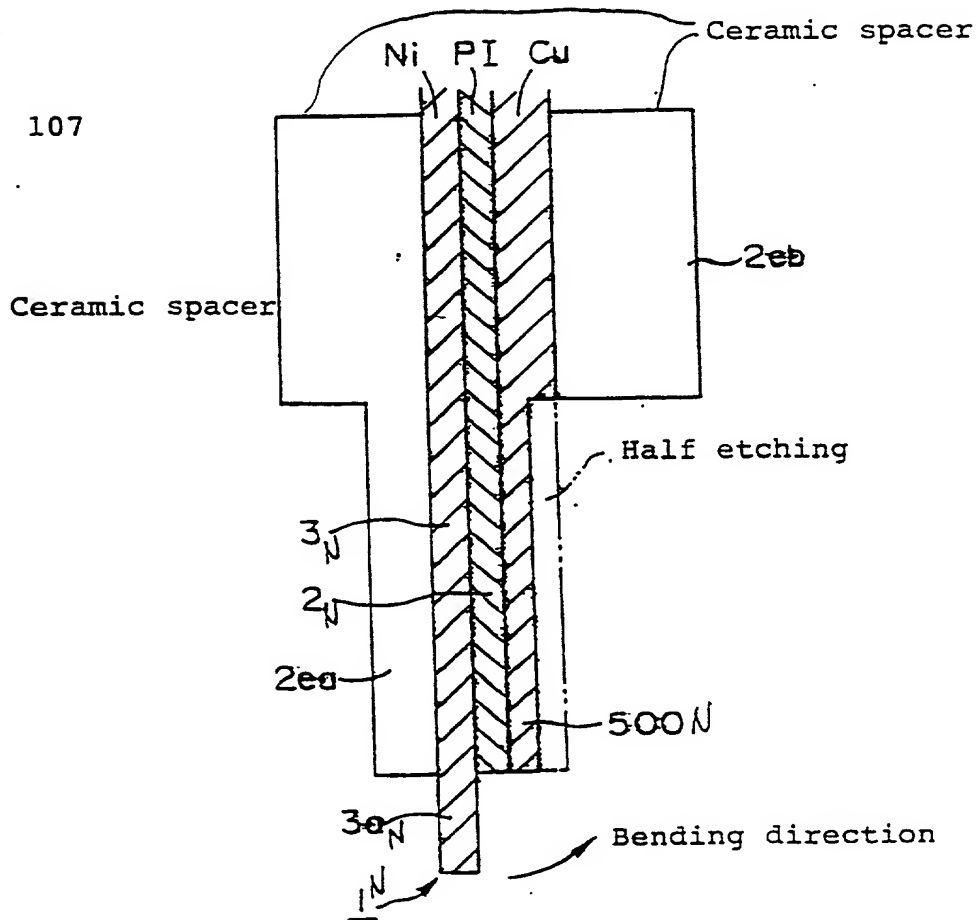


Fig. 107



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FIG. 108

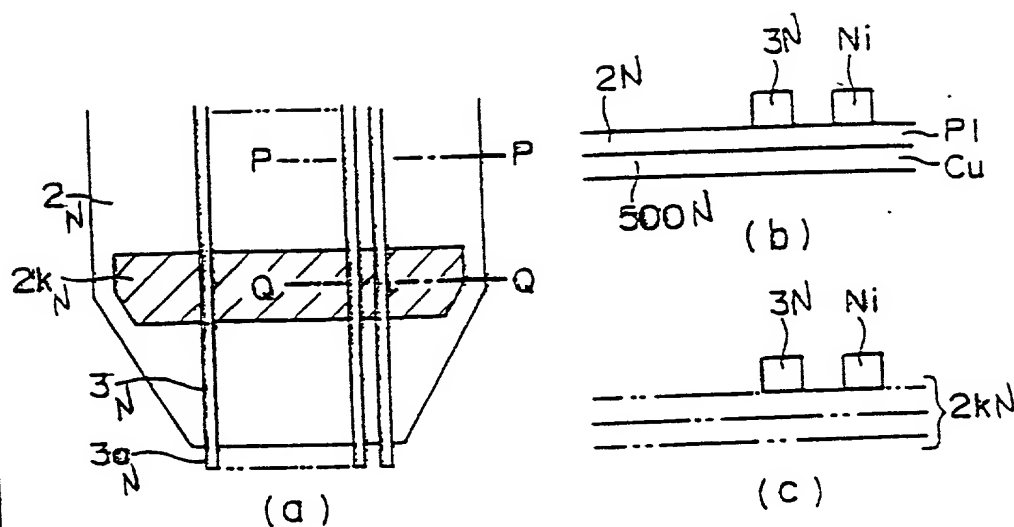


FIG. 109

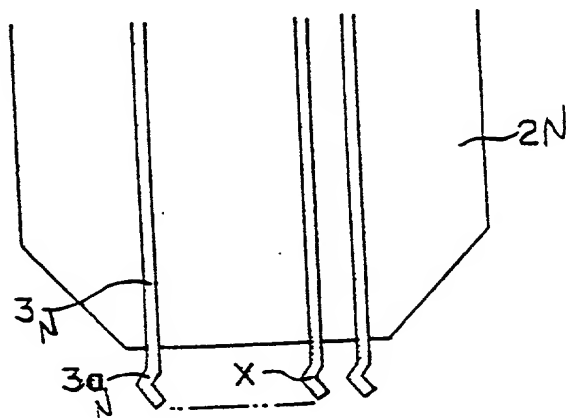
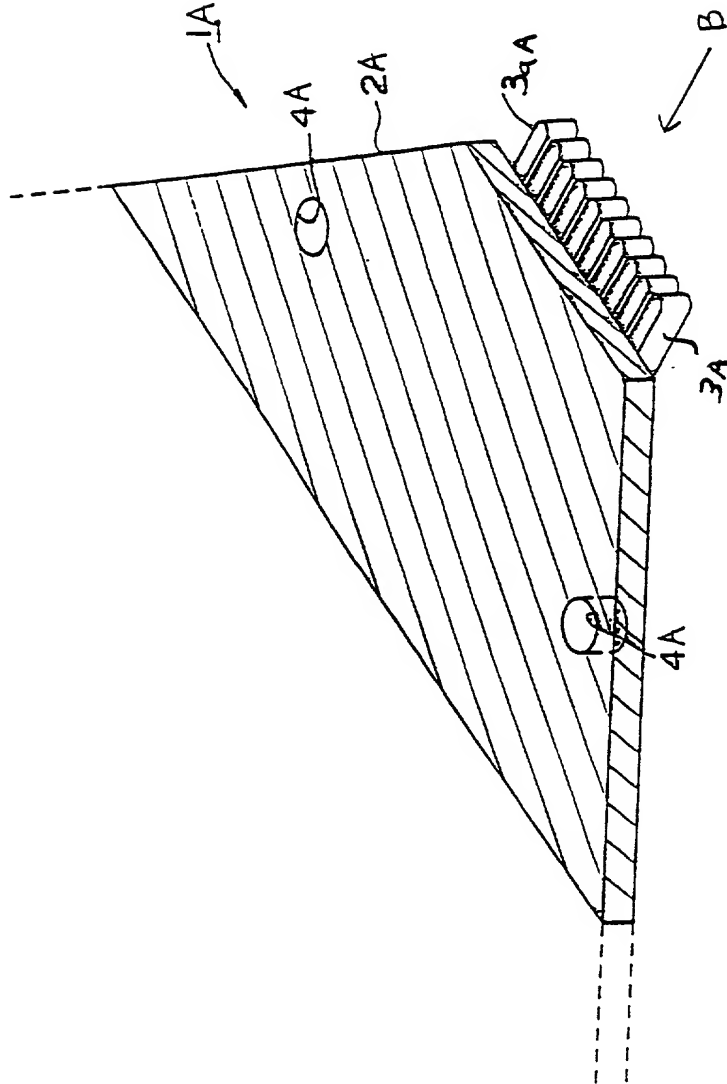
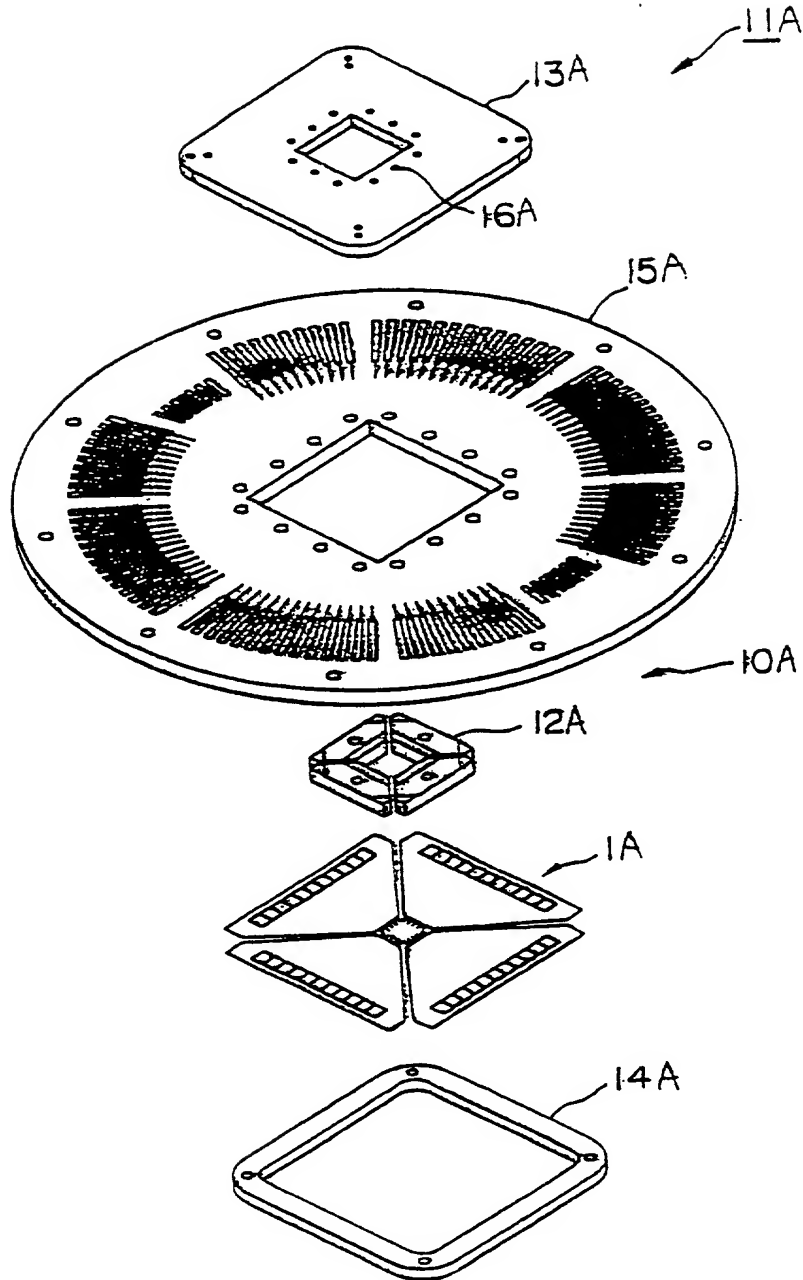


FIG. 110



Background Art

FIG. 111

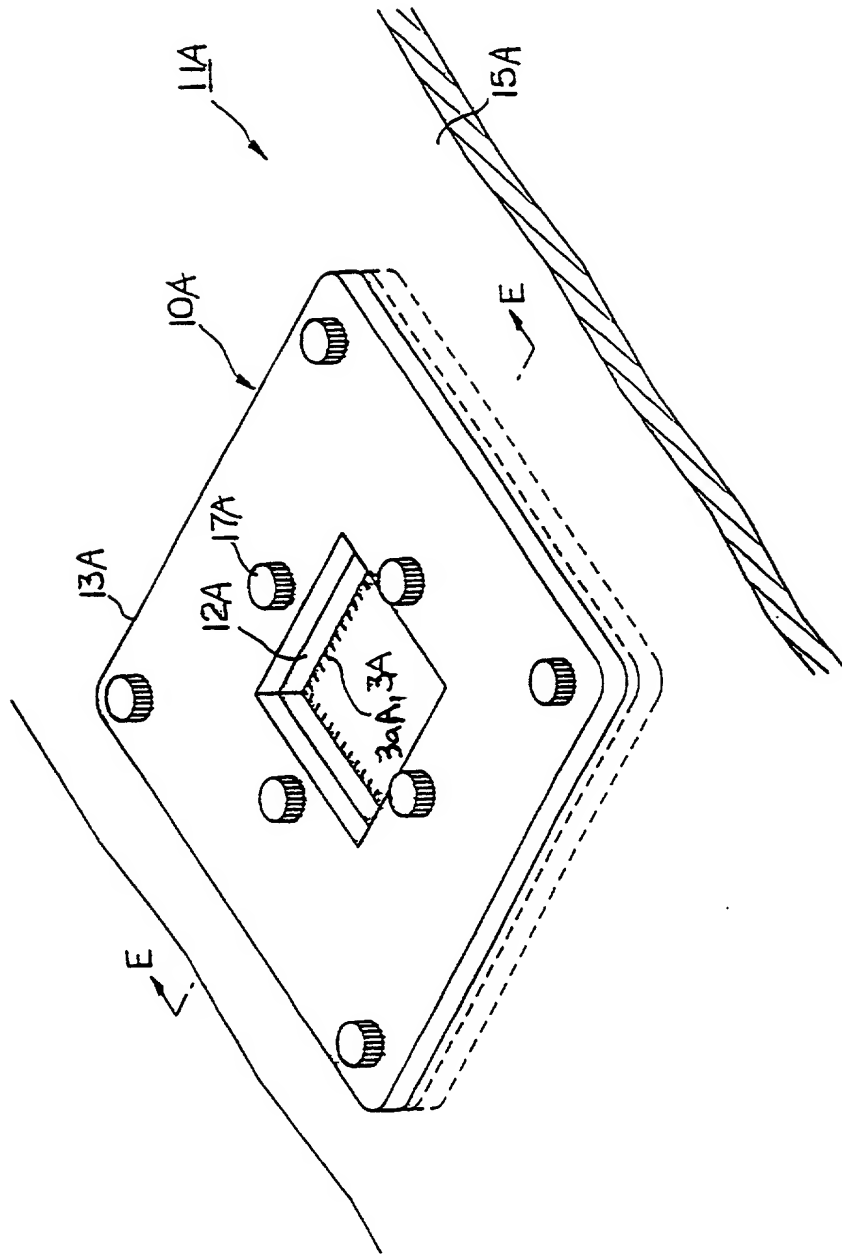


Background Art

10076508-024902



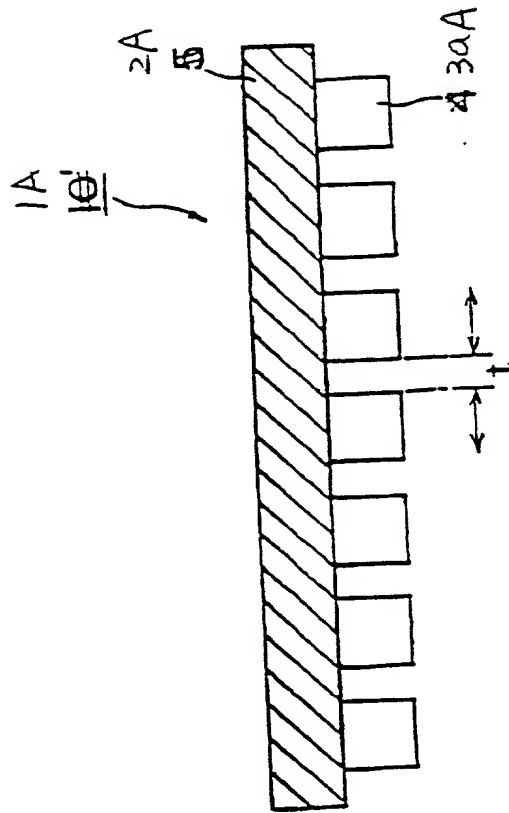
FIG. 112



Background Art

Backhouse Dr

FIG. 114



Background Art

Fig. 115

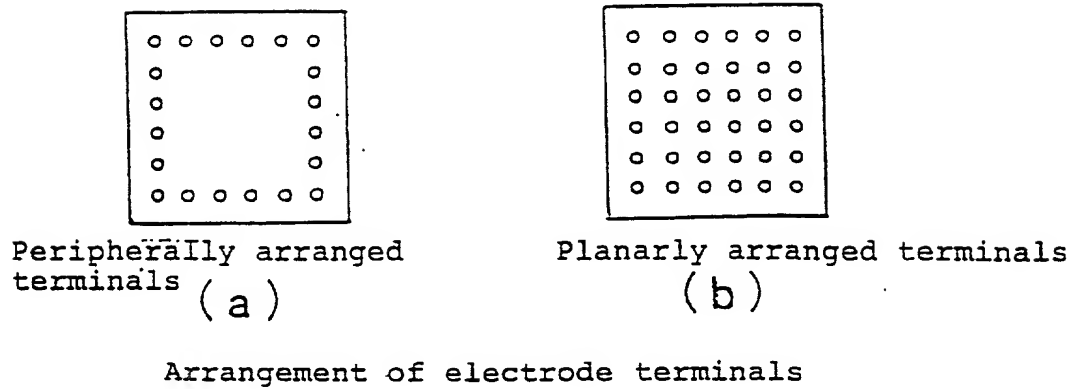


Fig. 116

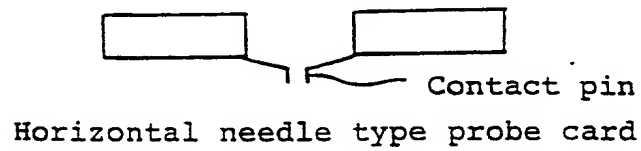
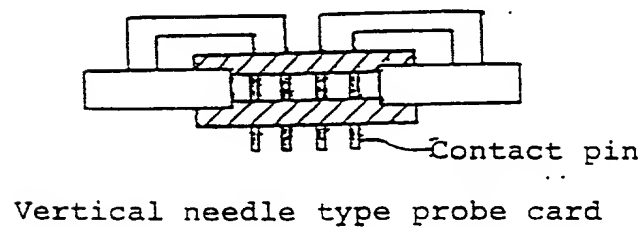


Fig. 117



Background Art